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1937

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Department of Agriculture

# HARDY FERNS

WILD  
AND  
ROCK GARDEN PLANTS

## EVERGREENS



Cypripedium

**FERNDAL NURSERY**  
**ASKOV, MINNESOTA**



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## Greetings

To our many customers we extend greetings and appreciation of past favors. It is a source of great satisfaction to us to realize that many of our customers who purchased plants from us fifteen and twenty years ago are still among our steady customers and that they have felt justified in recommending this modest little nursery to their friends.

In presenting this catalog to you, we fully realize that it is not an elaborate or expensive publication. However, painstaking care has been used in preparing the list of plants and to give a truthful description of them. You will notice that we make little use of superlatives in our descriptions. They are brief and concise, leaving to the readers' imagination the development of the full picture.

We extend a cordial invitation to all to visit the Nursery whenever convenient. We have enjoyed the many visits made us in the past and hope you will come again.

Nursery is open every day, including Sundays and holidays.

Askov is located on State Highways No. 23 and No. 66, 100 miles north of the Twin Cities and 60 miles southwest of the Twin Ports. Follow U. S. 61 to Junction with State Highway No. 66, turn east at Junction and follow 66 to Askov. Nursery is located two blocks east of Great Northern depot.

### REFERENCES

First National Bank, Sandstone.

Dunn & Bradstreets.

American Association of Nurserymen.

Minnesota Nurserymen's Association.

Florist's Credit Association, Chicago, Ill.

### PRICES

You will find our prices as low or lower than those offered by any reputable nursery in the Northwest. Nursery stocks are very low and actual shortages exist in several varieties, and since it requires several years to grow some trees this shortage will continue for some time.

### GUARANTEE

We guarantee all stock furnished by us to be first class, healthy, free from injurious insect pests and true to name. Stock found to be otherwise will, upon proper proof, be replaced free of charge.

We do not guarantee plants to grow after planting. There are so many causes for failure of plants over which we have no control that we can assume no responsibility after stock is delivered. Claims for unsatisfactory stock will be entertained only when made within ten days after arrival.

### RISK

All stock will be delivered to carrier lines in good condition and our responsibility ceases upon receipt of bill of lading. Claims for damage, loss, or delay in transit should be filed with carrier upon arrival.

### SHIPPING INSTRUCTIONS

Customers should give explicit shipping instructions with order. When method of shipment is left to us we will use our best judgment and forward by cheapest method consistent with safety. Orders to be shipped by parcel post must be accompanied with sufficient funds to cover forwarding charges otherwise shipment will be made by express.

### BOXING AND PACKING

Nursery stock, when shipped by freight or express, requires substantial boxing and crating. A charge to cover actual cost of labor and material used will be made to cover this service. Trees called for at the nursery need not be boxed.

### NORTHERN GROWN NURSERY STOCK

It is a well known fact among horticulturists that northern grown plants and trees have a vigor and vitality not found in those grown farther south. Furthermore we offer only such varieties as we have found to be reasonably hardy in this territory. Our season opens late and we can supply dormant stock much later than southern growers. The careful planter will keep this in mind when placing orders.

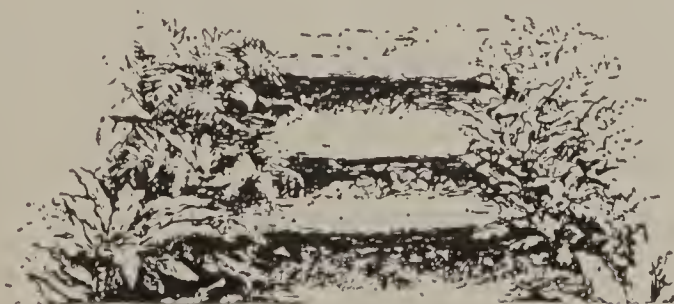
### TRUCK DELIVERY

Charges very reasonable for this service.

We operate our own trucks and are in position to deliver full truckloads to any point in Minnesota or Wisconsin. Such delivery charges will be on a mileage basis and for distances of less than 250 miles are usually less than boxing and freight charges.

Less than full truckloads will be delivered at the same cost per mile as full truckloads.

Write for delivered prices on B&B evergreens.





## Hardy Ferns in Foundation Planting

Ferns planted among your shrubbery, in the perennial border, or in the foundation planting around your house, especially on the north and east side or under tall trees, bring to your home a fragrance from the wild woods, in some of nature's most beautiful creations. Plant in groups of at least 3 to 5 of each variety, scattered at irregular distances.

### A FERN BED FOR ONLY \$5.00

These collections are selected to meet certain growing conditions as indicated. For customers who may be in doubt as to which varieties will meet their particular growing conditions these collections will prove helpful.

Either collection will be shipped prepaid for only \$5.00 or one-half collection prepaid for \$3.00. By express not prepaid, each collection \$4.00; one-half collection for \$2.25.

Dormant Ferns can be shipped until very late in season.

No. 1—This collection has been made up with the view in mind of offering a number of ferns which may be depended upon to succeed under any ordinary gardening conditions; 10 Ostrich Plume, 4 Osmunda, and 10 Lady Ferns.

No. 1-A—Suitable for same general growing conditions as collection No. 1; 4 Evergreen, 8 Ostrich Plume, 8 Lady and 4 Sensitive Ferns.

No. 2—Selected for dry shady locations; 8 Lady, 6 Hayscented, 6 Leathery Wood and 4 Interrupted Ferns.

No. 3—For moist shady places; 8 Evergreen, 4 Ostrich Plume, 4 Cinnamon, 4 Lady and 4 American Maidenhair Ferns.

No. 4—For wet ground; 8 Sensitive, 3 Royal, 3 Cinnamon, 6 Evergreen, 4 Marsh Shield Ferns.

## CULTURAL DIRECTIONS

These hardy outdoor Ferns do not make satisfactory house plants; they will do best in shade or half shady spots in the garden and mixed in between shrubs in foundation planting on the east and north sides of buildings. Some of these, like the *Osmunda Claytoniana*, Lady and Sensitive Ferns and Ostrich Fern, will do reasonably well in considerable direct sunlight, but will fade earlier than when planted in shade or half shade. They do best in light soil containing much vegetable matter or humus and covered with rotting wood shavings, peat or straw, which keep them from sprouting too early in the spring, preventing a late night frost from killing the young fronds.

Hardy Ferns should be planted when dormant any time between Sept. 1st and July 1st. They prefer a settled foundation and cold feet. If late spring planting is followed by a dry, hot summer, the fronds are likely to dry up in the middle of the summer the first season.

On arrival it will do them good, especially in the spring, to dump them in a pail of water for a day or more before planting. Plant crown level with the ground and give them a good soaking of water to settle the soil solidly among the roots. Then level off with dry soil or sand and mulch to preserve moisture and keep sun and wind out. One or two good soakings of water later will benefit but is not necessary, unless in a very dry season. Do not sprinkle; a light watering will do more harm than good.

Frost will not hurt the roots, but will kill the fronds. They will come back either the same or next season. Neither will frost hurt the roots in transit; they can safely be shipped during the winter, and if frozen on arrival, unpack and lay them on the ground in a shady place and cover with any kind of damp material and let them freeze. They will keep well until you are ready to plant.

Of all the Hardy Ferns the Ostrich Plume, also called the Palm of the North, is perhaps the best as it grows the tallest and fastest of any Fern. It often has as many as fifteen fronds gracefully arranged, presenting an object more beautiful than many varieties of palms. The fronds, under favorable conditions, attain a length up to 4 feet.

Lady Ferns. (*Asplenium Fæmina*). A large handsome Fern—a wood and roadside Fern presenting many varying forms, is of a distinct type from the Ostrich.

The *Osmunda Claytoniana* or flowering Fern is clothed with loose wool when unfolding its fronds, which sometimes under favorable conditions attain a height of more than four feet; is beautifully cinnamon colored. This variety will also do well in the open or dry shady places.

These three Ferns represent three distinct types. They are easy to establish, and will come back stronger year after year. They will grow in common garden soil, which can be improved by addition of some leaf mold, muck, or pulverized peat. After planting, and every fall, give a mulch of leaves, straw or anything to keep them from sprouting too early in the spring and to prevent young fronds from being nipped by a late frost. The mulch will also help to preserve moisture.

## PEAT MOSS OR PULVERIZED PEAT

Practically the same as imported German or Holland peat moss except it is not dried or baled. We have acres of it on our land and use loads and loads of it as a mulch and to mix in soil for acid loving plants such as ferns, arbutus, bearberry, gentians, and many others.

It is an excellent mulch on heavy soil where it preserves moisture and prevents cracking of the soil. We offer this pulverized peat as it comes from the ground in sacks of about 100 pounds for \$1.50, or sacks with about 50 pounds for \$1.00. Should be shipped only by freight.

## Hardy Ferns

The letter —R— indicates adapted for rockery; —S— for shade; —B— for border; —M— for moist soil and —O— for open sun. 100 or more, not less than 10 of any variety, your selection at price per 10 rate less 10%.

Special prices will be made on larger quantities.

### American Maidenhair (*adiantum pedatum*)—RS—

The black wiry creeping roots lie just below surface. They branch freely if roots are lightly covered with leaf-mold or pulverized peat. Plants should be kept fairly moist, at least the first season. Thrives best in shade on rocky hill-side. Each 20c; 3 for 50c; 10 for \$1.25—Prepaid each 30c; 3 for 75c; 10 for \$1.75.

### Beech Fern (*phegopteris hexagonoptera*)

Each 35c; 3 for 75c; 10 for \$2.00—Prepaid each 45c; 3 for 90c; 10 for \$2.50.

### Brittle Bladder Fern (*cystopteris bulbifera*)—R—

At home on wet rocks, preferring limestone. Fronds 1 to 3 ft. Each 35c—Prepaid 50c.

### Christmas Fern (*Polystichum acrosticoides*)—RS—

Fronds grow 12 to 30 inches tall. Plant indifferent to soil, either moist or dry. Prefers shade. Plant the crown just at the surface of ground. Each 20c; 3 for 50c; 10 for \$1.25—Prepaid each 30c; 3 for 75c, 10 for \$1.75.

### Cinnamon Fern (*Osmunda Cinnamomea*)—M—

A large fern growing to a height of 2 to 5 ft. Fronds often 8 in. wide. Will thrive in wet soil, in peat, common garden soil and moist shady places. Each 20c; 3 for 50c; 10 for \$1.50—Prepaid each 35c; 3 for 80c; 10 for \$2.00.

### Clinton's Wood Fern (*dryopteris clintoniana*)—MS—

Attains a height of two feet or more when growing in rich moist soil. To produce massed effect it should be planted 12 in. apart, with crown level with surface. Each 20c; 3 for 50c; 10 for \$1.25—Prepaid each 30c; 3 for 75c; 10 for \$1.75.

### Crested Wood Fern (*dryopteris cristata*)—MBS—

In its native haunts this fern is usually found in rather wet, shady places. It is easily grown. The crown should be planted just above surface of ground. Each 20c; 3 for 50c; 10 for \$1.25—Prepaid each 30c; 3 for 75c; 10 for \$1.75.

### Hayscented Fern (*dennstedtia punctiloba*)—R—

12 to 18 inches in height. Will grow in sun or shade if planted in rich porous soil. If plants are set 8 inches apart they will soon form a compact mass. One of the best hardy ferns for border planting. Each 20c; 3 for 50c; 10 for \$1.25—Prepaid each 30c; 3 for 75c; 10 for \$1.75.

### Interrupted Fern (*Osmunda claytoniana*)—ROS—

Unlike the other *Osmundas*, the Interrupted Fern prefers a moderately or even dry thicket-clad hill-side. Also at home in deep ravines and in stony places. Thrives well in sun. This fern will grow where many other varieties would fail and for this reason it is very popular for porch or foundation planting. Each 25c; 3 for 70c; 10 for \$1.75—Prepaid each 40c; 3 for \$1.00; 10 for \$2.25.

### Lady Fern (*athyrium felix faemina*)—ROS—

A large, handsome fern with fine lace-like foliage, grows from one to three feet in height. A wood and roadside fern presenting various forms. One of the ferns that may be depended upon to thrive in all parts of the country. Each 20c; 3 for 50c; 10 for \$1.25—Prepaid each 30c; 3 for 75c; 10 for \$1.75.



Lady Fern

**Leathery Wood Fern (*dryopteris marginale*)—RS—**

The principal cultural requisite is shade. Thrives well even in Pine and Hemlock groves and on rocky hill-sides. The leathery fronds are of a dark blue-green color. Grows 12 to 30 in. in height. Its natural associates are Jack-in-the-pulpit, Wood Anemone, Hepatica and even yellow Lady Slipper. Each 20c; 3 for 50c; 10 for \$1.25—Prepaid each 30c; 3 for 75c; 10 for \$1.75.

**Maidenhair Spleenwort (*asplenium tricommanus*)—R—**

A small rock fern, 4 to 10 inches with purplish-brown shiny stalks. Each 35c—Prepaid each 50c.

**Marsh Fern (*dryopteris thelypteris*)—M—**

The Marsh Fern seems to flourish equally well in sub-acid or neutral soil and also to be indifferent to sun or shade. The root should be covered with not more than one-half inch of leaf-mold, muck or pulverized peat. Each 20c; 3 for 50c; 10 for \$1.25—Prepaid each 30c, 3 for 75c; 10 for \$1.75.

**Ostrich Fern—(*pteris nodulosa*)—RS—**

This magnificent fern has been called "The Palm of the North." The fronds, six to ten inches wide, grow from a crown to a height of three to five feet. A very erect and handsome species. This large, graceful plant luxuriates in good soil subject to annual overflow. The vase-like fronds suggest the Lady Fern, but the fertile fronds are dark green and it is also the tallest growing of our ferns. If planted in moist light soil and well mulched with peat or leaf-mold, it will multiply by underground runners. Each 20c; 3 for 50c; 10 for \$1.25—Prepaid each 30c; 3 for 75c; 10 for \$1.75.

**Polypodium Common** (*Polypodium vulgare*)—R—

Fronds 4 to 8 in. long. This interesting fern grows in dense masses, clinging to rocks and boulders on steep hillsides. Each 20c; 3 for 50c; 10 for \$1.25—Prepaid each 30c; 3 for 70c; 10 for \$1.75.

**Royal Fern** (*Osmundo regalis*)—M—

Pale green fronds 2 to 3 ft. in height. Prefer moist shady location. Can be grown in shallow, still water. Each 25c; 3 for 70c; 10 for \$1.75—Prepaid each 40c; 3 for \$1.00; 10 for \$2.25.

**Sensitive Fern** (*onoclea sensibilis*)—RMO—

Grows from 6 to 30 in. in height, depending on moisture. Prefer rather moist places. If planted 12 inches apart will form a dense mat. Cover with one-half inch of soil. Each 20c; 3 for 50c; 10 for \$1.25—Prepaid each 30c; 3 for 70c; 10 for \$1.75.

**Toothed Wood Fern** (*dryopteris spinulosa*)—M—

Fronds 1 to 3 ft., remaining green all winter. Crown should be planted level with top of soil. Each 20c; 3 for 50c; 10 for \$1.25—Prepaid each 30c; 3 for 70c; 10 for \$1.75.

**Walking Leaf Fern** (*camptosorus rhizophyllus*)—R—

A small low, creeping fern with evergreen fronds 4 to 8 inches. An interesting little fern and quite easy to grow in rock garden, prefer alkaline soil. Each 25c; 3 for 60c; 10 for \$1.50—Prepaid each 35c; 3 for 90c; 10 for \$1.75.

**Winged Wood Fern** (*dryopteris hexagonoptera*)—RSM—

A tiny little fern for moist and dense shady nook. Fronds 3 to 4 inches. Each 20c; 3 for 50c; 10 for \$1.25—Prepaid each 30c; 3 for 70c; 10 for \$1.75.

**Rusty Woodsia** (*woodsia ilvensis*)—R—

This odd but extremely attractive little fern grows in dense clumps on exposed summits and steep, rocky cliffs in full sun. A very rare little fern. Each 35c—Prepaid 50c.

**Woodsia Obtusa**—R—

At home on bare shady rock ledges. Fronds 6 to 15 inches long. Each 35c—Prepaid 50c.

**Ebony Spleenwort** (*asplenium ebeneum*)—R—

A very lovely little rock fern with shining, nearly black stalks. Excellent for rock garden and rock walls, 8 to 12 in. Each 35c—Prepaid 50c.

**Grape Fern** (*botrychuim obliquum*)

A novel little fern for woodland or open locations. Naturally at home among Christmas, Marsh and Maidenhair Ferns. Each 25c—Prepaid 40c.

**Silver Spleenwort** (*Asplenium thelypteroides*)—MS—

At home in deeply shaded boggy locations. Foliage pale green with silvery shade on under surface. Each 25c; 3 for 60c; 10 for \$1.60—Prepaid each 35c; 3 for 75c; 10 for \$2.00.

**PLANTS SUITABLE FOR GROUND COVER****Arctostaphylos-Uva-Ursi.**

**Asperula Odorata**, full or part shade.

**Mitchella Repens**, acid soil and part shade.

**Phlox Subulata**, all var., dry and sandy soil.

**Lycimachia**, moist shade.

**Paschysanda**, light shade.

**Sedum Acre**, dry sun or shade.

—Album, sun or shade.

—Divergens, sun or shade.

—Eversie, sun or shade.

—Sarmentosum, sun.

—sexangulare, sun or shade.

**Thymus**, all var., dry, sun.

**Veronica Rupestris**, open sun.

**Vinca Minor**, sun or shade.

# Popular Plant Names

Perennials are listed in alphabetical order under their botanical names. This method is used to avoid mistakes and confusion because many plants are known under different popular names in different localities.

If the botanical name of a plant is not known, refer to the list under "Popular Plant Names." Here you will find the popular name followed by the botanical name. If you do not find the name of the plant in either list, then write us a card or letter with such information as you may have and we shall be glad to identify the plants if possible.

Adams Needle, Yucca.  
 Ageratum, hardy, Eupatorium.  
 Alaska Daisy, Chrysanthemum.  
 Alpine Betony, Stachys Alpina.  
 Alpine Fescue, Festuca.  
 Alpine Poppy, Papaver.  
 Alpine Wallflower, Cherianthus.  
 Alumroot, Heuchera.  
 Arbutus, trailing, Epigea.  
 Avens, Geum.  
 Baby's Breath, Gypsophylla.  
 Balloon Flower, Platycodon.  
 Baneberry, Actea.  
 Bearberry, Arctostaphylos.  
 Beard Tongue, Penstemmon.  
 Beebalm, Monarda.  
 Bellflower, Campanula.  
 Bishops Cap, Mitella.  
 Bitterroot, Lewisia.  
 Blanket Flower, Gaillardia.  
 Blazing Star, Liatris.  
 Black Eyed Susan, Rudbeckia.  
 Bleeding Heart, Dielytra.  
 Bloodroot, Sanguinaria.  
 Blueflag, Iris.  
 Blue Eyed Grass, Sissyrinchium.  
 Blue Bells, Mertensia.  
 Blue Bells of Scotland, Campanula.  
 Bugle, Ajuga.  
 Bugloss, Anchusa.  
 Bugbane, Cimicifuga.  
 Buttercup, Ranunculus.  
 Candytuft, Iberis.  
 Cardinal Flower, Lobelia.  
 Catchfly, Silene.  
 Catmint, Nepata.  
 Checkerberry, Gaultheria.  
 Chinese Lantern, Physalis.  
 Coat Flower, Tunica.  
 Cohosh, bugbane, Cimicifuga.  
 Columbine, Aquilegia.  
 Cone Flower, Rudbeckia.  
 Coral Bells, Heuchera.  
 Cowslip, Mertensia.  
 Creeping Jenny, Lycimachia.  
 Crested Iris, Iris Cristata.  
 Cranes Bill, Geranium.  
 Crosswort, Crucianella.  
 Day Lily, Hemoracalis.

Daisy, English, Bellis.  
 Dragonhead, false, Physostegia.  
 Dropmore, Anchusa.  
 Dropwort, Filapendula.  
 Dutchman's Breeches, Dicentra.  
 Edelweiss, Leantopodium.  
 Evening Primrose, Oenothera.  
 Flax, hardy perennial, Linum.  
 Fleabane, Inula.  
 Foam Flower, Tiarella.  
 Foxglove, Digitalis.  
 Forget-me-not, Myosotis.  
 Fringed Bleeding Heart, Dielytra.  
 Giant Daisy, Pyrethrum.  
 Globe Flower, Trollius.  
 Globe Thistle, Echinops.  
 Gloxinia, hardy, Incarvillea.  
 Golden Glow, Rudbeckia.  
 Goldenrod, Solidago.  
 Great Blue Lobelia, Lobelia Syphilitica.  
 Ground Ivy, Nepata.  
 Harebell, Campanula.  
 Hen and Chicks, Sempervivum.  
 Houseleek, Sempervivum.  
 Indigo, false blue, Baptisia.  
 Jacob's Ladder, Polemonium.  
 Jack-in-the-pulpit, Arisaema.  
 Japanese Lantern, Physalis.  
 Japanese Spurge, Pachysandra.  
 Jerusalem Artichoke, Helianthus.  
 Kansas Gay Feather, Liatris.  
 Lady Slipper, Cypripedium.  
 Larkspur, Delphinium.  
 Leadwort, Plumbago.  
 Lilly of the Valley, Convallaria.  
 Liverwort, Hepatica.  
 Loosestrife, Lythrum.  
 Lungwort, Pulmonaria.  
 Maiden Pink, Dianthus.  
 Maltese Cross, Lychnis.  
 Mayflower, Epigea.  
 Mayapple, Podophyllum.  
 Marsh Marigold, Caltha Palustris.  
 Meadowrue, Thalictrum.  
 Meadow Sweet, Filapendula.  
 Merrybell, Uvularia.  
 Michaelmas Daisy, Aster.  
 Millfoil, Achillea.

- Moccasin Flower, *Cypripedium*.  
 Mother of Thyme, *Thymus*.  
 Monkshood, *Aconitum*.  
 Mosspink, *Phlox Subulata*.  
 Muellin Pink, *Agrostemma*.  
 Myrtle, *Periwinkle*, *Vinca*.  
 Orchids, *Cypripedium*, *Habenaria* Or-  
   chis.  
 Pansy, *Viola Tricolor*.  
 Parrot Feather, *Myriophyllum*.  
 Pasque Flower, *Anemone*.  
 Painted Daisy, *Pyrethrum*.  
 Partridge Berry, *Mitchella*.  
 Peppermint, *Mentha*.  
 Perennial Sweet Pea, *Lathyrus*.  
 Pitcher Plant, *Sarracenia*.  
 Poppy Mallow, *Calirhoe*.  
 Poppy, *Papaver*.  
 Plaintain Lily, *Funkia*.  
 Plumed Bleeding Heart, *Dielytra*.  
 Prairie Sunflower, *Helianthus*.  
 Primrose, hardy, *Primula*.  
 Quaker Lady, *Bluets*, *Hustonia*.  
 Red Hot Poker, *Tritoma*.  
 Rockcress, *Aubretia*.  
 Rockcress, *Arabis*.  
 Rockrose, *Helianthemum*.  
 Rose Campion, *Agrostemma*.  
 Rose Campion, *Lychnis*.  
 Rough Sunflower, *Heliopsis*.  
 Sage, *Artemesia*.  
 Sandwort, *Arenaria*.  
 Sea Holly, *Eryngium*.  
 Sea Lavender, *Statice*.  
 Sea Pink, *Armeria*.  
 Shasta Daisy, *Chrysanthemum*.  
 Shinleaf, *Pyrola*.  
 Shooting Star, *Dodecatheon*.  
 Snow in Summer, *Cerastium*.  
 Sneezeweed, *Helenium*.  
 Soapwort, *Saponaria*.  
 Solomons Seal, *Polygonatum*.  
 Solomons Seal, false, *Smilacena*.  
 Speedwell, *Veronica*.  
 Spiderwort, *Tradescantia*.  
 Spirea, *Filapendula*.  
 Spring Beauty, *Claytonia*.  
 Spurge, *Euphorbia*.  
 Stonecrop, *Sedum*.  
 Striped Grass, *Phalaris*, *Festuca*.  
 Sunflower, *Helianthus*.  
 Sweet Fern, *Comptonia*.  
 Sweetflag, *Acorus*.  
 Sweet Rocket, *Hesperis*.  
 Sweet Woodruff, *Asperula*.  
 Sweet William, *Dianthus*.  
 Thimble Flower, *Lepachys*.  
 Turtle Head, *Chelone*.  
 Trailing Arbutus, *Epigaea*.  
 Tufted Violet, *Viola*.  
 Trout Lily, *Erythronium*.  
 Twinberry, *Linnea*.  
 Verbena, hardy, *Verbena Venosa*.  
 Wake Robin, *Trillium*.  
 Wallflower, *Cheiranthus*.  
 Watercress, *Radicula*.  
 Water Hyacinth, *Eichornia*.  
 Water Lily, *Nymphaea*.  
 Wild Ginger, *Asarum*.  
 Windflower, *Anemone*.  
 Wintergreen, *Gaultheria*.  
 Wood Betony, *Pedicularis*.  
 Wood Lily, *Trillium*.  
 Wood Sorrel, *Oxalis*.  
 Wormwood, *Artemesia*.  
 Yarrow, *Achillea*.





Nature's Flower Garden

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## Wild Flowers

When the early pioneers took possession of this vast wilderness, known as North America, they found it replete with a luxuriant growth of native plants. Throughout the vast wooded section grew, not only the stately Pine and Oak, but also the dainty little *Houstonia* and *Hepatica*, the *Trillium*, *Bloodroot*, *Gentian*, *Violet* and a myriad of others. In the cool moist bogs and marshes grew not only the towering Cedar and Tamarack but also the *Cypripedium* and Pitcher plant, while over the boundless prairie were found almost innumerable sun-loving flowering plants and throughout grew ferns in endless variety.

But we have cut down the forest, drained the bogs and the plow has turned the prairie sod under to make room for agriculture. And, as if to complete the destruction of wild life, fire has swept the whole section time and again. The native plants have been crowded farther and farther back into inaccessible nooks and wastelands where they are now making a last stand in face of destruction.

Many of these wild plants bear flowers of indescribable beauty and

daintiness. Where do we find a more beautiful orchis than the showy lady-slipper or a more delicate orchis than the *Habenaria*? No domesticated violet can compare with *pedata bicolor* and rarely do we find a more curious and interesting plant than the pitcher plant with its wax-like flowers of beauty and interest.

To many of us the fascinating scene of nature's garden linger in memory only. It belongs to days gone by when nature had not yet been violated by man's mad scramble to subdue and civilize.

But we can do much to restore this dwindling family of nature's creations to a place they richly deserve. Throughout the length and breadth of the land there is awakening a great interest in wild plants. Perhaps in the not too distant future we shall find them restored in natural settings, occupying an honored and cherished position side by side with the more conventional flower garden.

Throughout our catalog we list a number of native plants. They have been brought together from distant localities. From Vermont to Carolina and the Rocky Mountains we have gathered them and they are offered to our customers in the hope that they may find permanent homes where they may receive care and appreciation.

**Hardiness.** There is no class of plants more hardy when once established under natural conditions of soil, moisture and exposure, and none so much admired as these rapidly vanishing natives of our woodlands, swamps and prairies. Join the ranks of the wild flower enthusiasts and get a real thrill watching these wildlings make themselves at home in your garden. Will add new varieties year by year.



Fern Covered Hillside

# Perennials

## Wild and Rock Garden Plants.

In selecting plants offered in this list, two objects have been held constantly in view. First—That the plants have merit and are worthy of a place in the garden. Second—That they are strains and varieties of sufficient hardiness to withstand our severe climatic conditions. While these plants are of great hardiness and may be depended upon to give satisfactory results in the north, they possess a vigor, well known to horticulturists, and will give highly satisfactory results when planted further south.

To aid our customers in selecting plants suitable for their particular planting problem, we use the following index.

- S—Plants requiring some shade.
- R—Plants well adapted for rock gardens.
- O—Preferring sunny locations.
- B—Border plants.
- T—Trailing plants.
- C—Suitable for cut-flowers.
- W—Of special merit for wall gardens.
- M—For marsh or bog and moist locations.

If ordering less than 3 plants of one variety, add 5c for each plant. For 25 plants of one variety, use 10 rate and deduct 10%. For 100 of one variety use 10 rate and deduct 20%.

**Achillea** (milfoil or yarrow).

- RB—**cerise queen**. Dark cherry red, 24 in. Three for 60c, 10 for \$1.60.
- B—**boule-de-niege**. More compact than the pearl. Excellent for border, 2 ft. tall. Three for 50c, 10 for \$1.40.
- RB—**cerise queen**. Dark cherry red, brighter than rosea. Three for 60c, 10 for \$1.60.



*Actea* (baneberry)

- ptarmica**. The Pearl. Pure white double, bloom all summer. Three for 50c, 10 for \$1.40.

**Actea** (baneberry).

- RS—**alba**. Long spikes of clear white flowers and berries, 12 to 18 inches. Fine for rockery or shaded woodland. May and June. Three for 75c, 10 for \$2.00.
- RS—**rubra**. Red form of above. Three for 75c, 10 for \$2.00.

**Aconitum** (monkshood).

- sparks variety**. Deep blue flowers, tall spikes, 4 to 5 ft. Three for 90c, 10 for \$2.50.
- Wilsoni**. Rich blue, 6 to 7 ft. Late autumn flowering kind, produces tall spikes of mauve colored flowers. A very lovely variety. Three for 90c, 10 for \$2.50.

**Acorus** (sweet-flag).

- M—**calamus**. Sword shaped leaves, erect. Thrives in moist soil or shallow water. Three for 50c, 10 for \$1.40.

**Ajuga** (bugle).

- reptans**. A compact growing plant with bronze colored foliage, blue flowers. Three for 50c, 10 for \$1.40.

**Allium**.

- R—**nuttali**. Three for 75c.
- R—**Thibetica**. Lilac-mauve flowers in clusters on short stems. July—Aug. Introduced from Thibet in 1930. Three for 40c, 10 for \$1.00.



**Arenaria (sandwort).**

- R—**montana** (Montana sandwort). Close tufts, profusely covered with small silvery-white flowers. Excellent for the rockery and sunny places. Three for 75c, 10 for \$2.00.
- R—**verna**. Low creeper for cracks between stones, a fine plant for use in flag-stone walks. Three for 75c, 10 for \$2.00.



**Arisaema**

**Arisaema (jack-in-the-pulpit).**

- RS—**triphyllum**. A very interesting plant for shady woodland planting. Three for 40c, 10 for \$1.00.

**Armeria (sea pink).**

- R—**formosa**. Pink. Three for 50c, 10 for \$1.40.
- RW—**lauchena**. Bright rosy-eyed, free bloomer, 3 to 6 inches in June. Three for 60c, 10 for \$1.60.

**Artemesia (wormwood or sage).**

- R—**border mist**. Silvery foliage, 6 to 8 inches. Three for 60c, 10 for \$1.60.
- RO—**frigida** (silver sage). There is not a more beautiful silvery-foliaged rock garden

plant. Three for 75c, 10 for \$2.00.

- CB—**lactiflora**. A tall plant of fine foliage, white flowers, excellent for bouquets. Three for 60c, 10 for \$1.60.

- R—**silver king**. A very striking white leaved contrast plant. A rare beauty for landscape effect, beautiful mist for setting off bouquets, also used dry for winter bouquets. Three for 60c, 10 for \$1.60.

**Asarum (wild ginger).**

- S—**canadense**. A good ground cover, curious chocolate-colored flowers in May. Three for 50c, 10 for \$1.40.
- S—**shuttleworth**. Beautifully mottled, evergreen leaves. Three for 50c, 10 for \$1.40.

**Asclepias.**

- RB—**tuberosa**. A beautiful plant producing clusters of bright orange flowers in July and August, 12 to 18 in. Fine for cut flowers. Three for 60c, 10 for \$1.60.

**Asperula.**

- R—**odorata**. Beautiful little rock plant for shade. White flowers. Three for 75c, 10 for \$2.00.

**Aster (michaelmas daisy).**

- R—**alpina**. Blue, fine dwarf aster, large flowers, 6 to 8 in. Three for 50c, 10 for \$1.40.
- R—**alpina**. Bright purple. Three for 50c, 10 for \$1.40.
- R—**alpina**. White. Three for 50c, 10 for \$1.40.
- CB—**nova anglia** (New England aster), purple. Three for 60c, 10 for \$1.60.
- CB—**New England**, blue. Three for 60c, 10 for \$1.60.
- hardy yellow**. Three for 50c, 10 for \$1.40.

**Aubretia (rockcress).**

- R—**purple**. A beautiful plant with silvery-green foliage for rockery or edge of border. Three for 60c, 10 for \$1.60.
- R—**hybrids**. Large flowered hybrids. Lovely dwarf spring blooming plant. Three for 60c, 10 for \$1.60.
- R—**Whitewell gem**. Purple, 6 in. Three for 75c, 10 for \$2.00.

If perennials are wanted by prepaid parcel post add 15c for 3 or 30c for 10 plants.

**Baptisia** (false indigo).

- australis**. Dark blue pea-shaped flowers in June. Very attractive foliage plant throughout the summer. Three for 60c, 10 for \$1.60.

**Bellis** (double English daisy).

- R—perennis**. Flowers white or pink. An old favorite for edging, 6 to 8 in. Ten for 50c.

**Bellium** (dwarf daisy).

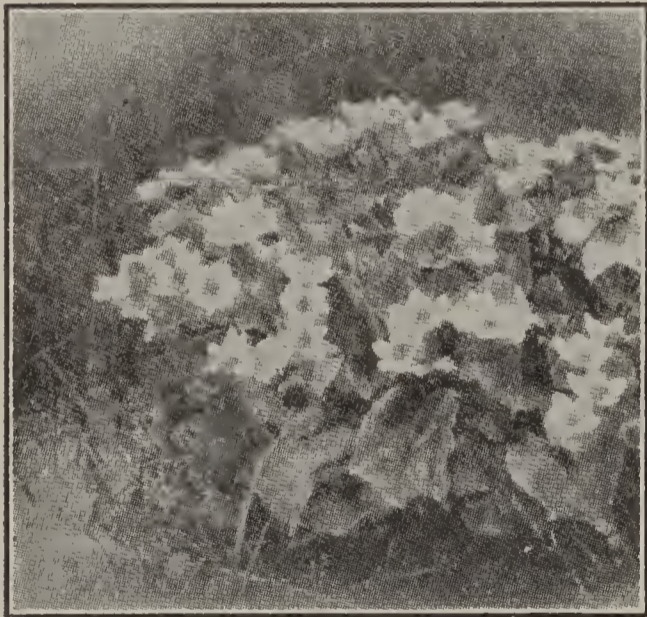
- RW—bellidoides**. Tiny white daisy. Fine for rock gardens and crevices. Three for 75c, 10 for \$2.00.

**Cactus**.

- Assorted varieties for rock garden. These odd plants add novelty and contrast. Get a few of them for the rock garden. Three for 60c, 10 for \$1.60.

**Calamintha**.

- R—alpina**. For rock garden, edge or border. Does well in dry sunny locations. Three for 50c, 10 for \$1.40.

**Caltha Palustris****Caltha** (marsh marigold).

- M—palustris**. A very showy plant in wet sun or shady places. Deep yellow flowers in April. Three for 50c, 10 for \$1.40.

**Campanula** (bellflower).

- R—carpatica** (harebell). Blue, 8 inches. June. Three for 50c, 10 for \$1.40.
- R—carpatica**. White. Three for 50c, 10 for \$1.40.
- R—isophylla**. Blue. Three for 75c.
- R—isophylla** (star of Bethlehem). White. Three for 60c, 10 for \$1.60.

- B—medium**, calycanthemum (cup-and-saucer). Mixed. Three for 50c, 10 for \$1.40.

- B—medium**, (canterbury bells). Single blue and white mixed. Three for 50c, 10 for \$1.40.

- B—persicifolia**, alba. White peach-leaved bellflower. Three for 60c, 10 for \$1.60.

- B—persicifolia**. Blue, a noble border plant with splendid spokes of flowers. Three for 60c, 10 for \$1.60.

- RO—rotundifolia** (blue-bells of Scotland). Clear blue flowers in June and July, 10 in. Three for 60c, 10 for \$1.60.

- R—rotundifolia Olympica**. Light blue. Three for 75c.

- R—turbinata**. A beautiful new variety forming dense mats of foliage bearing large cup-shaped flowers. White or blue. Three for 60c, 10 for \$1.60.

**Carnation**.

- grenadin**, hardy carnation. Beautiful for landscape and a fine cut flower. Double red, white and pink. Three for 50c, 10 for \$1.40.

**Catananche**.

- alba bi-color**. Deep blue flowers on long stems. Produces flowers in great quantities during July, August and September. Fine for cut flowers and winter bouquets. Three for 60c, 10 for \$1.60.

**Cerastium** (snow in summer).

- ROS—tomentosum**. Creeping, silvery-white foliage. Three for 50c, 10 for \$1.40.

**Cheiranthus** (wallflower).

- RB—allioni**. Dazzling orange flowers. A charming, fragrant rockery plant. Three for 50c, 10 for \$1.40.

**Chelone** (turtlehead).

- CM—glabra**. Terminal spikes of creamy-white. Three for 75c, 10 for \$2.00.

- Stately and handsome perennial growing about two feet high and bearing numerous spikes of large flower heads in summer and fall. Excellent as cut flower.

- CM—barbata coccinea**. Pink. Three for 75c, 10 for \$2.00.

- CM—lyoni**. Heads of showy purplish flowers. Three for 75c, 10 for \$2.00.

**Chrysanthemum** (Shasta daisy).

—BC—**Alaska**. Handsome plant with large glistening white flowers in June and July. Three for 40c, 10 for \$1.20.

—CB—**King Edward**. Enormous white flowers. Three for 40c, 10 for \$1.20.

—CB—**Diener's giant**. Double white. Three for 50c, 10 for \$1.40.

**Cimicifuga** (cohosh bugbane).

—RS—**racemosa**. Handsome spikes of pure white flowers for back of border or naturalizing in woodland. Three for 75c, 10 for \$2.00.

**Claytonia** (spring beauty).

—RS—**virginica**. A charming, delicate flower of early spring. A soft pink, wonderful in groups of fifty to a hundred. Three for 40c, 10 for \$1.00.

**Comptonia** (sweet-fern or myrica).

—OR—**asplenifolia**. Sweet-scented plant of shrub type with fern-like leaves. Prefers acid soil, 1 to 2 ft. Clumps with soil in burlap. Each 50c, 3 for \$1.25, 10 for \$4.00.

**Convallaria** (lily-of-the-valley).

—RMS—**majalis**. A well known and popular perennial. Three for 60c, 10 for \$1.60.

**Coreopsis**.

—sunburst. Double. Three for 60c.

—C—**grandiflora**. Large brilliant yellow flowers all summer. Three for 50c, 10 for \$1.40.

—new gold. Large, double flowers. Three for 60c.

**Cypripedium** (Lady slipper or moccasin flower).

—Hardy orchids. Plants carry from one to seven flowering buds and are sold by the bud, not by the plant. Requires some shade to do well. Prepare ground with humus, peat or muck and mulch. Not less than 5 buds of one kind sold.

—RMS—**acaule**. (purple moccasin). Five buds for \$1.00, 25 buds for \$4.00.

—RMS—**parvifolia** (small yellow lady slipper). Five buds for \$1.00, 25 buds for \$4.00.

—RMS—**pubescens** (large yellow lady slipper). Plant in shade with plenty of moisture. Five buds for \$1.25, 25 buds for \$4.50.



**Cypripedium Spectabilis.**

—RMS—**spectabilis or hirsutum** (showy orchid). The finest and most showy of all our orchids, 1 to 2 ft. Flowers shading from rose-pink to nearly white. Five buds for \$1.50, 15 buds for \$4.00.

**Delphinium** (larkspur).

—Without a doubt delphiniums are the queen of hardy flowers. In outdoor planting they are without equal and furnish the most satisfactory blues for any color-scheme.

—CB—**belladonna**. Improved. Light sky-blue. Best for cut flowers and forcing. Three for 60c, 10 for \$1.60.

—CB—**bellamosum**. Dark blue. Three for 60c, 10 for \$1.60.

—CB—**Blackmore & Langdon**. A fine English strain. Three for 60c, 10 for \$1.60.

—CB—**Diener's dreams of beauty**. An exquisite strain of unusually fine color combinations. Three for 75c, 10 for \$2.00.

If perennials are wanted by prepaid parcel post add 15c for 3 or 30c for 10 plants.

- CB—giant imperial hybrids. A beautiful new variety. Three for 75c, 10 for \$2.00.
- selected. Double, exquisite shades of blue and purple. Three for 75c, 10 for \$2.00.
- summer cloud. White. Three for 75c, 10 for \$2.00.
- CB—Vanderbilt's hybrids. Three for 60c, 10 for \$1.60.
- CB—Wrexham's strain (hollyhock delphenium). Three for 60c, 10 for \$1.60.
- R—Bi-color. Dwarf delphenium, 2 to 4 inches. A beautiful little plant from the Rockies, blue and violet. A gem for the rock garden. Three for 90c, 10 for \$2.50.
- tricorne. Dwarf blue, R. Three for 75c, 10 for \$2.00.
- R—chinensis. Blue. A handsome dwarf variety with feathery foliage. Gentian blue flowers. Three for 50c, 10 for \$1.40.
- chinensis. Alba. White form of above. Three for 50c, 10 for \$1.40.
- chinensis. White butterfly. Improved strain of above. Three for 50c, 10 for \$1.40.

#### Dianthus.

- R—barbatus (sweet William). mammoth, double mixed. Three for 60c, 10 for \$1.60.
- R—deltoides (maiden pink). A beautiful little plant with narrow leaves and a profusion of small crimson flowers. Three for 50c, 10 for \$1.40.
- R—caessius (cliff pink). Dwarf plants producing dense tufts of glorious blue foliage and large rose colored flowers on 3—6 in. stems. Ideal for pockets in wall or rock garden. Also valuable as an edging plant. Three for 75c, 10 for \$2.00.
- BC—moschatus (garden pink). Single mixed. Three for 50c, 10 for \$1.40.
- BC—plumarius (clove pink or pheasant eye.) Single or double mixed. Three for 60c, 10 for \$1.60.

- BC—plumarius. Highland rose hybrids mixed. Three for 75c, 10 for \$2.00.
- BC—plumarius. Little Jock hybrids. Pink, rose and white mixed, 6—8 in. Three for 75c, 10 for \$2.00.

#### Dianthus Barbatus (sweet William).

- BC—single mixed. Three for 60c, 10 for \$1.60.
- BC—double mixed. Three for 60c, 10 for \$1.60.



**Dicentra Cucularia**

#### Dicentra.

- R—cucularia (Dutchmans breeches). A very early spring flower, from 5 to 9 in., bears loose racemes of white inverted flowers in April and May. Prefers rich shady hill-side. Three for 35c, 10 for \$1.00.

#### Dielytra (bleeding heart).

- R—exemia (fringed bleeding heart). A dwarf growing variety with beautiful, finely cut foliage. Racemes of handsome pink flowers all summer. Three for 75c, 10 for \$2.00.
- B—spectabilis. (Common bleeding heart.) A well known, old fashioned favorite, large strong plants. Three for \$1.50, 10 for \$4.50.

**Digitalis** (foxglove).

- B—**lutea**. Yellow. Three for 60c, 10 for \$1.60.
- B—**purpurea**. Pink. Three for 60c, 10 for \$1.60.
- BC—**Shirley hybrids**. Charming colors, large spikes. Three for 60c, 10 for \$1.60.

**Dodecatheon** (shooting star).

- RS—**media** (American cyclamen). A most beautiful perennial with rose colored to white flowers. Three for 60c, 10 for \$1.60.

**Douglasia**.

- R—**montana**. Many branched alpine plant with short branches densely clothed with leaves. Flowers white, fine for rock garden. Three for 75c, 10 for \$2.00.

**Echinops** (globe thistle).

- B—**ritro**. Interesting and showy thistle-like plants with globular heads of metallic blue. Very effective in hardy border. Can be dried for winter bouquets. Three for 60c, 10 for \$1.60.

**Epigea**, repens. (Trailing arbutus.)

- T—Trailing evergreen plant with pale pink, fragrant, wax-like flowers. One of the earliest spring bloomers, large clumps in burlap. Three for \$1.50, 10 for \$3.50.

**Erythronium**.

- RS—**americana** (trout lily or dog-tooth violet). Three for 40c, 10 for \$1.20.

**Eupatorium**.

- CB—**ageratoides**. White flowers. Three for 60c, 10 for \$1.60.
- CB—**coelestris**. Pretty, hardy plant with light purple flowers from August until frost. Three for 60c, 10 for \$1.60.

**Euphorbia** (spurge).

- R—**cyparissus** (cypress spurge). Like a miniature cypress with many flower-like bracts in May and June, 10 inches. Three for 60c, 10 for \$1.60.
- R—**polychroma**. Beautiful formal plant, yellow flowers. Three for 75c, 10 for \$2.00.

**Festuce** (alpine fescue grass).

- R—**glauca**. Dense, blue tufts, 12 to 15 inches. Three for 75c, 10 for \$2.00.

- R—**green**. Ornamental green grass, 8 to 12 inches. Three for 75c, 10 for \$2.00.

- R—**dwarf ribbon grass**. Striped, 12 to 15 inches. Three for 40c, 10 for \$1.20.

- B—**tall ribbon grass**. Striped, 2 to 3 ft. Three for 40c, 10 for \$1.20.

**Fragaria**.

- R—**virginiana** (wild strawberry). \$6.00 per 100, 10 for \$1.00.

**Funkia** (plaintain lily).

- R—**subcordata grandiflora**. Very large, lily-shaped, fragrant flowers in August and September. Three for 60c, 10 for \$1.60.

- R—**variegated**. Graceful green leaves having fluted edge, very conspicuous plant for border. Three for 60c, 10 for \$1.60.



Gaillardia

**Gaillardia** (blanket flower).

- B—**burgundy**. Shining, wine-red flowers. Three for 60c, 10 for \$1.60.

- C—**Kelway's**. Exhibition strain, yellow flowers. Three for 60c, 10 for \$1.60.

If perennials are wanted by prepaid parcel post add 15c for 3 or 30c for 10 plants.

—**Martins magnificent.** Beautiful golden-yellow with a defined mahogany zone. New. Three for 75c, 10 for \$2.00.

—**B—Standholder.** Large, yellow, border flower, very showy. Three for 60c, 10 for \$1.60.

—**The King.** Selected, large flowering. Three for 75c, 10 for \$2.00.

#### Galax

—**R—Evergreen rock plant, white.** Three for 75c, 10 for \$2.00.

#### Gaultheria.

—**R—procumbens** (aromatic wintergreen). A fine evergreen rock garden plant with red berries. Three for 75c, 10 for \$2.00.



**Gentian Andrewsie**

#### Gentian.

—**MR—andrewsie** (bottle or closed gentian). An American species with clusters of large purple-blue, bottle-shaped flowers. The tightly closed flowers are borne at top of stem. Thrives best in moist soil. Three for 60c, 10 for \$1.60.

#### Geranium.

—**R—maculatum** (cranesbill). Pink flowers. Three for 50c, 10 for \$1.40.

#### Geum Coccineum (avens).

—**R—Lady Stratheden.** A new geum of exceptional merit, large, double golden-yellow flowers. Three for 75c, 10 for \$2.00.



**Geum, Mrs. Bradshaw**

—**R—Mrs. Bradshaw.** A splendid new variety. Large, fiery-red flowers all summer. Three for 75c, 10 for \$2.00.

—**R—orange queen.** Large, double, orange-scarlet flowers. Three for 75c, 10 for \$2.00.

—**R—tri-florum** (three flowered avens). Pretty, nodding, ruby-red flowers on stem like strawberry. Three for 75c, 10 for \$2.00.

#### Gypsophylla (baby's breath).

—**Bristol fairy.** A wonderful new introduction. Bristol fairy produces large panicles of double flowers of purest white. Blooms continuously throughout the summer. Each 50c.

—**RT—repens.** Creeping baby's breath. A beautiful trailing dwarf with tiny white flowers. Three for 60c, 10 for \$1.60.

—**RT—repens.** Pink variety of above. Three for 60c, 10 for \$1.60.

—**B—paniculata.** Common baby's breath, unexcelled for bouquets. Retains its color and appearance when dried. Three for 40c, 10 for \$1.00.



*Habenaria Fimbriata*

**Habenaria.**

- ciliaris*. Large, yellow fringed orchid. Each 75c, 3 for \$1.50, 10 for \$4.00.
- fimbriata*. Large, purple, fringed orchid. Densely flowered spikes about 2 inches in diameter and often 12 inches long, very rare. Each 75c, 3 for \$1.50, 10 for \$4.00.

**Helianthemum (rockrose).**

- R—*mutabile*. Low growing evergreen plant for rockeries or dry sunny banks. Three for 50c, 10 for \$1.40.

**Helianthus.**

- augustifolia* (autumn glory). Yellow, free blooming. Three for 40c, 10 for \$1.00.

- B—*maximiliana* (prairie sunflower). Many strong stems. Flowers three inches. Grows five to six feet. Three for 40c, 10 for \$1.00.

**Heliopsis (orange sunflower).**

- pitcheriana*. Free blooming, yellow. Three for 50c, 10 for \$1.20.

**Hemorocalis (day-lily).**

- Dr. Regal. Rich orange yellow. Three for 60c, 10 for \$1.60.
- Dumortierii*. Flowers rich golden-yellow. One of the earliest to bloom. Three for 60c, 10 for \$1.60.
- fulva* (brown day-lily). Coppery orange, shaded crimson, 3 ft. Three for 60c, 10 for \$1.60.
- gold dust. Three for 60c, 10 for \$1.60.
- kwanso*. A large double-flowered variety with rich golden bronze flowers in July and August. Three for 60c, 10 for \$1.60.
- B—*thunbergii*. Sweet scented, clear yellow in July. Three for 60c, 10 for \$1.60.
- mixed. Three for 60c, 10 for \$1.60.



*Hepatica*

**Hepatica (liverwort).**

- RS—*acutiloba*. Three parted leaves pointed at tips. One of the loveliest little woodland flowers of early spring. Evergreen leaves. Flowers varying shades of blue, pink and clear white. Three for 40c, 10 for \$1.00.

If perennials are wanted by prepaid parcel post add 15c for 3 or 30c for 10 plants.

- RS—**triloba**. The earliest flower in spring. The dainty flowers are varied white, pink and lilac to purple and violet, 3 to 6 inches. Three for 40c, 10 for \$1.00.

**Hesperis** (sweetrocket).

- matronalis**. Fragrant purple flowers on showy spikes, 2 to 3 ft. Three for 40c, 10 for \$1.00.
- matronalis alba**. White form of above. Three for 40c, 10 for \$1.00.

**Heuchera** (alumroot or coralbells).

Heuchera plants are of easy culture making dense clumps of begonia-like foliage. Graceful flower stems, 1 to 2 ft. high, bearing many cup-shaped flowers. Valuable as rockery or border plant and fine cut flower.

- RG—**americana**. Flowers nearly white, mottled foliage, for mixed border, rockery or mass planting, about 18 in. high. Three for 75c, 10 for \$2.00.
- RC—**brizoides**. Flowers pale pink in graceful racemes in May. Three for 90c, 10 for \$2.50.
- RC—**Rosamond**. A most desirable coral pink, produces a profusion of coral-pink flowers. Tall, long-lasting flowering stems. Three for 75c, 10 for \$2.00.
- RC—**sanguinea**. Brilliant coral-red, very ornamental. Three for 60c, 10 for \$1.60.
- RC—**splendens**. Bright scarlet crimson. Three for 75c, 10 for \$2.00.

**Hibiscus** (mallow marvel).

A sturdy growing plant with large flowers, 2 to 4 ft. Mixed colors. Three for 75c, 10 for \$2.00.

**Hollyhock**.

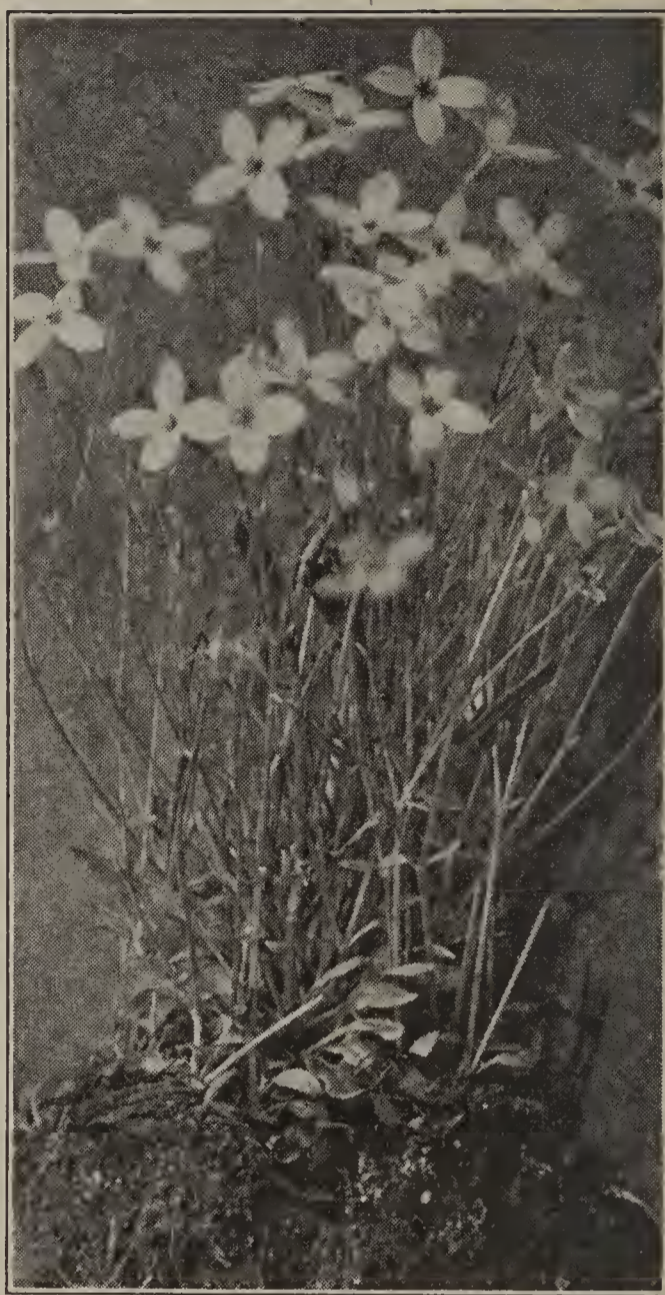
- althea rosea**. Double, mixed. Three for 50c, 10 for \$1.50. Single, mixed. Three for 50c, 10 for \$1.50.

**Hypericum**.

- elegans**. Yellow flowers on terminal pannicles. August and September. Three for 50c, 10 for \$1.20.

**Hypoxis**. Yellow star grass.

Three for 60c, 10 for \$1.60.



**Houstonia**

**Houstonia** (Quaker lady).

- R—**serpyllifolia**. Flowers deep, violet-blue sometimes turning to white. Dwarf, compact and a free bloomer and outstanding rock garden plant. Three for 75c, 10 for \$2.00.

**Iberis** (hardy candytuft).

- R—**sempervirens**. Sheet of white flowers in spring completely covering dark green foliage. Fine for rockery. Three for 60c, 10 for \$1.60.

**Incarvilla** (hardy gloxinia).

- R—**delavayi**. Beautiful rose-pink flowers in large tresses, 12 to 18 inches. Three for 75c, 10 for \$2.00.

**Inula** (fleabane).

- ensifolia. Yellow, 12 to 18 in. July and August. Three for 60c, 10 for \$1.60.

**Iris.**

- R—arenaria (sand iris). The smallest of all iris. Large bright yellow flowers, very rare and choice. Full sun, 3 in. Each 50c.



**Iris Cristata.**

- R—cristata. Crested dwarf iris. A beautiful little dwarf, rich amethyst blue flowers in May. Only 3 in. high. Three for 60c, 10 for \$1.60.
- RB—pumilla. Dwarf, purple, 4 in. Fine for border or rockery. Three for 60c, 10 for \$1.60.
- R—verna. Fragrant dwarf with starry flowers of violet blue and gold. Three for 60c, 10 for \$1.60.

**Iris German.** A fine range of colors. Three for 40c, 10 for \$1.00. Newer and finer varieties. We have not enough to list separately. We will sell these assorted, each labeled, our selection. Three for 75c, 10 for \$2.00.

- NB—siberica. Purplish blue flowers. A good tall growing hardy variety. Three for 40c, 10 for \$1.00.

- M—versicolor (large blueflag, fleur-de-lis). Splendid for mass effect in moist places. Three for 50c, 10 for \$1.40.



**Lewisia Rediviva**

**Lewisia.**

- R—rediviva (Montana bitterroot). These distinctive western American plants are exceptionally valuable alpine garden subjects. Their main requirements are good drainage. A rock garden plant of outstanding merit, large pink cacti-like flowers. After blooming, plant dries up and disappears until late fall. Leaves form a rosette spread close to ground. Three for 75c, 10 for \$2.00.

If perennials are wanted by prepaid parcel post add 15c for 3 or 30c for 10 plants.

**Lathyrus** (perennial sweetpea).

- latifolia**. Large racemes of beautiful flowers, good cut flower. Three for 60c, 10 for \$1.60.

**Lavendula**.

- vera** (true sweet lavender). Delightfully fragrant, blue flowers on 15 inch stalks. July and August. Three for 75c, 10 for \$2.00.

**Leontopodium**.

- R—alpina** (edelweiss). A pretty alpine plant with silvery white leaves and star-like heads of wooly substance. A most desirable rock garden plant, 4 to 5 in. Very easily grown. Three for 60c, 10 for \$1.60.

**Lepachys** (thimble flower).

- B—Yellow** flowers with brown thimble-shaped center. Three for 50c, 10 for \$1.50.

**Liatris**.

- BC—pynostachia** (Kansas gay-feather). Long narrow spikes of rich purple flowers in August and September. Three for 40c, 10 for \$1.00.
- BC—scariosa** (blazing star). Spikes of clear purple flowers, 2 to 3 ft. September. Three for 40c, 10 for \$1.00.

**Lilium** (lily).

A valuable class of plants which merit a much more general planting. Large showy flowers. Soil should be deeply worked and mixed with leafmold, peat or other humus. Thrives best in light, porous, well drained soil.

- concolor**. Scarlet crimson. Three for 75c.
- Carolina**. A native of North Carolina. Three for 75c.
- B—canadense** (wild meadow lily). The graceful curves of its bells are unsurpassed in any wild or cultivated flower. Three for 60c, 10 for \$1.60.
- B—elegans**. A showy, dwarf Japanese lily, large, erect flowers of various shades of yellow, orange and red. Three for 75c, 10 for \$2.00.

**Lilium Canadense**

- B—phillippinense formosum**. Pure white with reddish-brown shading on exterior tips of petals, 2 to 3 ft. Slender stems. July and August. Three for 75c, 10 for \$2.00.
- B—philadelphicum** (wood-lily). A handsome native lily with cup-shaped flowers, spotted maroon and shaded orange, 3 ft. Three for 75c, 10 for \$2.00.
- B—regale or myrophyllum** (regal lily). Flowers white, slightly suffused with pink, delicate tint of canary shade at center. Very fragrant. July. Three for 75c, 10 for \$2.00.
- Sargenti**. Milk-white with yellow throat. Three for 75c.
- B—superbum** (turkscap-lily). Remarkable for its completely reflexed petals tipped with brown anthers. Blooms profusely in July and August. Three for 75c, 10 for \$2.00.
- R—tenuifolium** (siberian or coral lily). Beautiful dainty red for rock garden, 12 to 18 in. Three for 75c, 10 for \$2.00.
- B—tigrinum** (tiger lily). Flower sepals are strongly spotted and reflexed. July and August. Either single or double. Three for 50c, 10 for \$1.20.
- B—umbulatum**. Red flushed orange, tall vigorous grower. Three for 75c, 10 for \$2.00.

**Linaria.**

—alpina. Three for 60c, 10 for \$1.50.

**Linnaea** (twinberry).

—R—borealis. A dainty little woodland vine with little pink bell-like twin flowers. Three for 75c, 10 for \$2.00.

**Linum** (hardy perennial flax).

—R—perrene. Blue. Three for 40c, 10 for \$1.20.

—R—perrene. White. Three for 40c, 10 for \$1.20.

**Lobelia.**

—MB—cardinalis (cardinal flower). One of the showiest of our wild flowers. Large deep-red blossoms, will thrive in any garden soil or along lily-pond or brook, 2 to 4 ft. Three for 50c, 10 for \$1.40.

—MB—syphilitica (great blue lobelia). A blue form very similar to above. Three for 50c, 10 for \$1.40.

**Lupinus** (lupine).

—polyphyllus (hardy lupine). May be classed among the most beautiful hardy flowers. Flowers borne on long sturdy spikes in many fascinating colors, mixed only. Three for 40c, 10 for \$1.20.

**Lychnis** (rose campion).

—R—haageana. Very showy, orange, red, scarlet or crimson flowers nearly 2 inches across. Three for 40c, 10 for \$1.20.

—R—viscaria splendens. Pink flowers, bloom in June and July. 8 to 10 inches. A fine border plant. Three for 40c, 10 for \$1.20.

**Lycimachia.**

—R—nummularia (creeping jenny). For sun or shade in wet locations it forms an excellent ground cover. Flowers yellow. Three for 40c, 10 for \$1.00.

**Lythrum** (loosestrife).

—R—roseum salicaria. Purple, for banks of pond or stream. Three for 60c, 10 for \$1.60.

**Mazus.**

—RT—reptans. A prostrate, creeping dwarf, interesting little plant with dainty lilac flowers with white lip. For rock garden and ground cover. Three for 60c, 10 for \$1.60.



**Mertensia Virginia**

**Mertensia.**

—R—Virginia (Virginia bluebells). Dark green foliage and loose panicles of rich blue rose-tinted flowers in early spring. Three for 40c, 10 for \$1.00.

Extra large bulbs. Three for 75c, 10 for \$2.00.

**Mitchella.**

—RT—repens (partridgeberry). A trailing little vine, twin-flowers, creamy-white inside and faint crimson-pink on outside. Three for 60c, 10 for \$1.60.

**Mitella** (bishop's cap).

—R—diphylla. Low, slender perennial, sometimes planted in shady places, white flowers. A good rockery plant. Three for 60c, 10 for \$1.60.

**Monarda** (Oswego tea or beebalm).

—didyma. One of the most brilliant of our native flowers, very striking for mass effect. Scarlet flowers. Three for 50c, 10 for \$1.50.

—fistulosa. Flowers purple. Three for 50c, 10 for \$1.50.

**Myosotis** (forget-me-not).

—RN—palustris (true forget-me-not). Blue; per 100, \$6.00, 3 for 40c, 10 for \$1.00.

—RN—palustris (pink beauty). Pink form of above. Three for 40c, 10 for \$1.00.

**Nepeta** (ground ivy or catmint).

—AR—mussini. An excellent ground cover of dwarf compact growth, lavender flowers. Three for 40c, 10 for \$1.00.

If perennials are wanted by prepaid parcel post add 15c for 3 or 30c for 10 plants.

**Nuphar advena** (yellow pond-lily).

A hardy native plant for pond or stream. Three for \$1.20, 10 for \$3.00.

**Nymphaea odorata** (white water-lily).

Large, showy, white flowers, fine for pond or stream. Perfectly hardy. Three for \$1.50, 10 for \$4.50.

**Orchis.**—**spectabilis** (showy orchis).

A very showy early blooming orchid for moist places. Three for 60c, 10 for \$1.60.

**Oreganum.**

—**R—vulgare.** Beautiful woolly-leaved plant with lavender flowers. A plant of outstanding merit for rock garden. Three for 75c, 10 for \$2.00.

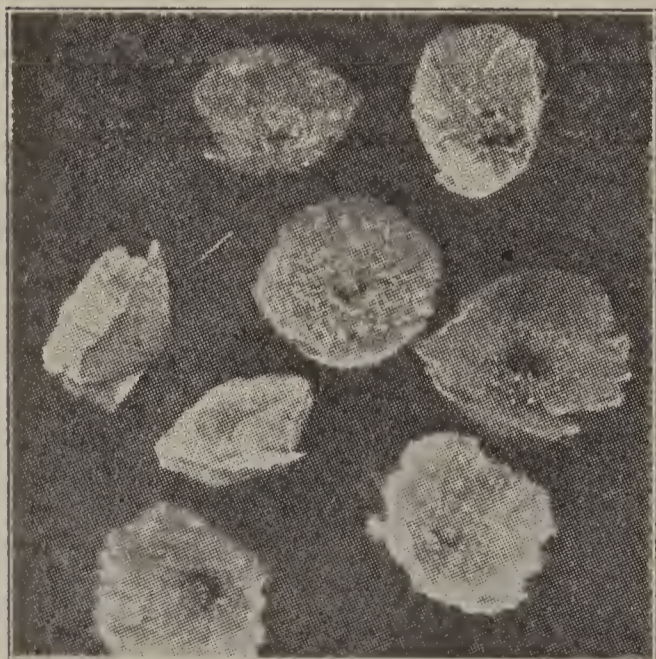
**Pachysandra** (Japanese spurge).

—**RTS—terminalis.** One of the best ground cover plants forming mats of glossy-green foliage, 6 to 8 inches. Three for 60c, 10 for \$1.60.

**Papaver** (poppy).

—**RO—alpina** (alpine poppy). Low growing, mixed colors. Three for 50c, 10 for \$1.20.

—**B—Fakenham hybrids.** Extremely free flowering, large flowers of orange, yellow and white. Long lasting as cut flower. Three for 75c, 10 for \$2.00.



**Papaver Nudicaule**

—**R—nudicaule** (iceland poppy). Mixed. Three for 50c, 10 for 1.20.



**Papaver Orientalis**

—**orientalis** (Oriental poppy).

—**scarlet king.** Three for 75c, 10 for \$2.00.

—**mixed.** Three for 60c, 10 for \$1.60.

**Pedicularis** (wood betony).

—**RS—canadensis.** A peculiar plant with fern-like leaves. Corolla being formed of two lips. Flowers in May and June. Three for 75c, 10 for \$2.00.

**Peony.** We offer only good standard varieties in colors red, pink and white. Divisions each 50c, 3 for \$1.25, 10 for \$3.00.

We have many of the finer peonies in limited quantities. If interested send for special list and prices of named varieties.

**Phlox.**

—**RT—amoena.** This is one of the best for carpeting the ground or rockery, bright pink, 4 in. Three for 75c, 10 for \$2.00.

**Phlox decusata** (hardy garden phlox). In wide color range from pure white through shades of pink to crimson. Hardy phlox are one of the most popular of all perennial plants.

—**B—bridesmaid.** White with crimson eye. Three for 75c, 10 for \$2.00.

—**B—B. Compte, amaranth.** Three for 75c, 10 for \$2.00.

—**B—colonial.** Lilac orchid. Three for 75c, 10 for \$2.00.

- B—coquelot. Vivid, orange scarlet. Three for 75c, 10 for \$2.00.
- B—Count Zeppelin. White with red eye. Three for 75c, 10 for \$2.00.
- B—eclairer. Pink. Three for 75c, 10 for \$2.00.
- B—Europa. White, changing to blue-white toward center. Three for 75c, 10 for \$2.00.
- B—Joan of Arc. White. Three for 75c, 10 for \$2.00.
- B—Mrs. Jenkins. White. Three for 60c, 10 for \$1.60.
- B—Miss Lingard. Early blooming white. Three for 75c, 10 for \$2.00.
- B—Lord Raleigh. Deep mauve. Three for 75c, 10 for \$2.00.
- B—Rhineland. Salmon pink. Three for 75c, 10 for \$2.00.
- B—Robinson. Pink. Three for 75c, 10 for \$2.00.
- B—Ryjnstrom. Rose pink. Three for 75c, 10 for \$2.00.
- B—R. P. Struthers. Rose. Three for 75c, 10 for \$2.00.
- B—Sieboldi. Scarlet red, the best of the scarlets. Three for 75c, 10 for \$2.00.
- B—Von Lassburg. White. Three for 75c, 10 for \$2.00.

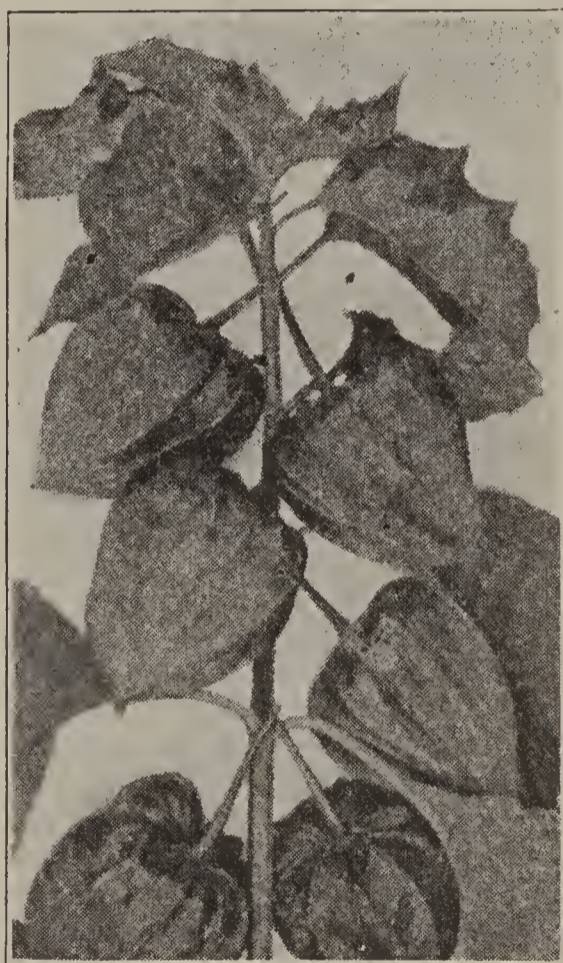
**Phlox Species.**

- R—divaricata canadense. Large fragrant, lavender flowers on 10 in. stems. April and May. Three for 60c, 10 for \$1.60.
- R—Douglasi. Choice compact, low growing rock garden plant. White flowers. Three for 75c, 10 for \$2.00.
- R—ovata carolina. Great quantities of bright rosy-red flowers in June and July. Three for 75c.
- R—pilosa. Large clusters of pink flowers. Three for 60c, 10 for \$1.60.

**Phlox Subulata** (moss or mountain pink). Creeping early spring flowering type with beautiful moss-like evergreen foliage which during the flowering period is completely hidden under mass of bloom. Highly prized for ground cover and for carpeting graves.

- R—alba. Pure white. Three for 40c, 10 for \$1.00.
- R—lilacena. Lilac. Three for 40c, 10 for \$1.00.

- R—attropurpurea. Carmine red. Three for 50c, 10 for \$1.50.
- R—rosea. Rose pink. Three for 40c, 10 for \$1.00.
- R—autumn rose. Rose pink. Three for 50c, 10 for \$1.50.
- R—blue hills. Blue. Three for 50c, 10 for \$1.50.
- R—fairy. Pale blue, dark eye, compact foliage. Three for 50c, 10 for \$1.40.
- R—G. F. Wilson. Lilac blue, light center. Three for 50c, 10 for \$1.40.
- R—Moorheimi. Pink. Three for 50c, 10 for \$1.50.
- R—vivid. Bright pink with fiery-red eye, strikingly beautiful flowers. Three for 75c, 10 for \$2.00.



**Physalis**

**Physalis** (Japanese lantern plant).

Very decorative plant, easy to grow. Very ornamental if gathered and dried in fall when fruit assumes an orange vermillion color. Three for 40c, 10 for \$1.20.

If perennials are wanted by prepaid parcel post add 15c for 3 or 30c for 10 plants.



*Physostegia virginica*

**Physostegia (false dragonhead).**

- virginica.** Large clumps of delicate pink flowers borne on long spikes. July and August. Three for 40c, 10 for \$1.20.
- vivid.** A new variety with large, bright, violet mauve flowers. Three for 75c, 10 for \$2.00.

**Platycodon (balloon flowers).**

- RB—grandiflora.** Fine, showy, deep-blue flowers. Three for 50c, 10 for \$1.40.
- RB—grandiflora, alba.** White form of above. Three for 50c, 10 for \$1.40.

**Plumbago (leadwort).**

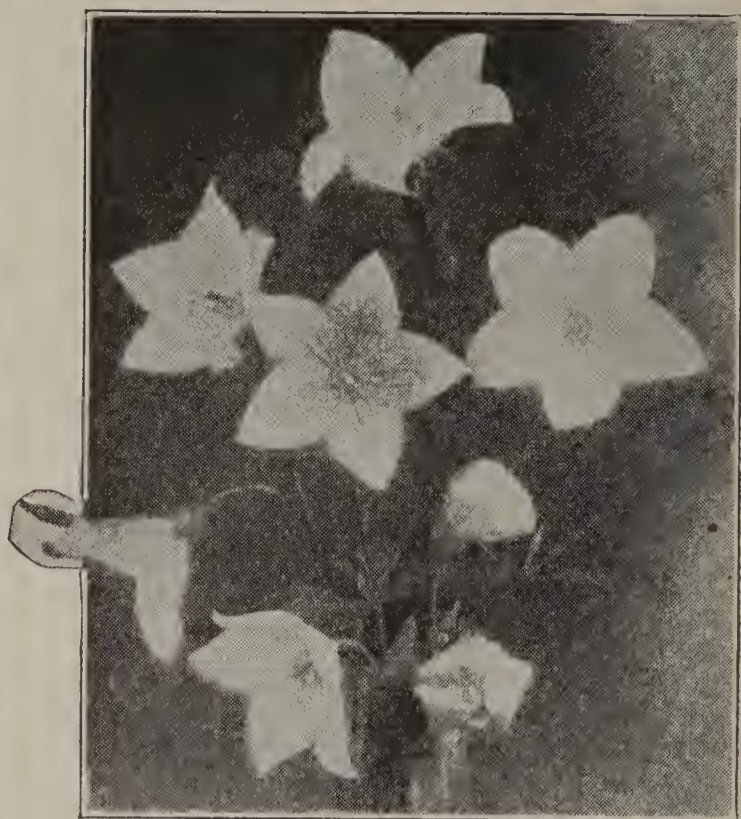
- R—larpentae.** Dwarf, spreading with blue flowers. Three for 50c, 10 for \$1.40.

**Podophyllum (mayapple).**

- peltatum.** A very peculiar plant for woodland or shady border. Three for 60c, 10 for \$1.60.

**Polemonium (Jacob's ladder).**

- coerulea.** Fern-like foliage, blue or white flowers. Three for 60c, 10 for \$1.60.
- R—reptans.** Blue. Three for 60c, 10 for \$1.60.



*Platycodon*

**Polygonatum.**

- R—biflorum** (Solomon's seal). Tall erect stems with white flowers. Three for 60c, 10 for \$1.60.

**Primula (hardy primrose).**

Flower stalks six to eight in. Flowers fragrant of various colors.

- R—auricula** (English primrose). Mixed colors. Three for 75c, 10 for \$2.00.
- R—veris polyantha.** Mixed colors. Three for 75c, 10 for \$2.00.
- R—veris eliator.** Mixed colors. Three for 60c, 10 for \$1.60.
- R—veris kleynii.** Rich yellow. Three for 60c, 10 for \$1.60.

**Prunella.**

- grandiflora.** Violet or purple flowers in bloom all summer, fine for partly shaded rock garden or hardy border. Three for 60c, 10 for \$1.60.

**Pulmonaria (lungwort).**

- sachata.** An early spring flower resembling mertensia. Pink flowers. After blooming the plant attains a beautiful spotted foliage. Three for 75c, 10 for \$2.00.

**Pyrethrum** (Persian or painted daisy).

Very hardy and one of the best of the perennials. Flowers range in colors from pure white through shades of pink to deep red. Un-excelled for cutting. Requires a deep rich moist loam and full sun. Do not like to be moved often.

- BC—**alba**. White. Three for 40c, 10 for \$1.20.
- BC—**attrosanguinaria**. Dark red shades. Three for 40c, 10 for \$1.20.
- BC—**carnium**. Flesh pink. Three for 40c, 10 for \$1.20.
- BC—**rose pink**. Single. Three for 40c, 10 for \$1.20.
- BC—**mixed**. Single. Three for 40c, 10 for \$1.20.
- BC—**mixed**. Double. Three for 40c, 10 for \$1.20.

**Pyrethrum**.

- BC—**uliginosum** (giant daisy). Large white flowers in late summer. Three for 40c, 10 for \$1.20.

**Pyrola** (shinleaf).

- R—**elliptica**. Greenish white nodding waxy flowers. Very fragrant, resembling lily-of-the-valley. Three for 60c, 10 for \$1.60.



**Rudbeckia purpurea**

**Ranunculus** (buttercup).

- R—**acris**. Upright growing double yellow flower. Three for 40c, 10 for \$1.20.
- R—**repens**. Fl. pl. Creeping, golden yellow. Three for 40c, 10 for \$1.20.

**Rosa rouletti**.

- R—A new tiny rock garden rose with dainty pink flowers. 3 to 6 in. Three for \$1.00, 10 for \$3.00.

**Rudbeckia**.

- B—**hirta** (black-eyed susan). Beautiful, large, yellow daisy with conical, dark purple center. Three for 60c, 10 for \$1.60.
- B—**lacinata** (goldenglow). Cut-leaf coneflower. Three for 40c, 10 for \$1.20.
- B—**purpurea** (giant purple coneflower). Three for 40c, 10 for \$1.20.



**Sanguinaria**

**Sanguinaria** (bloodroot).

- RS—**canadense**. Pure white flowers in early spring. Deserves a place in every garden. Per 100, \$6.00, 3 for 35c, 10 for \$1.00.

**Saponaria** (rock soapwort).

- R—**ocymoides**. A pretty border and rockery plant with clouds of pink flowers. Three for 40c, 10 for \$1.20.

If perennials are wanted by prepaid parcel post add 15c for 3 or 30c for 10 plants.

**Sarracenia.**

- M—**purpurea** (pitcher plant). A curious and interesting insectivorous plant with strange pitcher-like, hollow leaves. Three for 75c, 10 for \$2.00.

**Saxifraga.**

Broad deep-green foliage, will grow in any soil or position. Flowers in early spring.

- R—**dicipiens** (crimson moss). Dwarf mossy plants, white flowers, 4 inches. Three for 60c, 10 for \$1.60.
- R—**cordifolia** (hartleaf saxifrage). Broad fleshy, shiny foliage. Short erect stems with clear rose colored flowers. Three for 75c, 10 for \$2.00.

**Scutularia** (skullcap).

Three for 75c, 10 for \$2.00.

**Sedum** (stonecrop).

A vast race of very interesting little alpine plants. No rock garden complete without a good variety of sedums. Sun loving, excellent for wall, dry banks, stepping stones and moraine. The majority are well worth a place in a rock garden for the low carpets of richly, colored fleshy leaves.

- R—**Acre** (golden moss). Little tufted plants with yellow flowers, useful for covering. Three for 40c, 10 for \$1.00.
- R—**album**. White flower with red center, 4 to 6 inches, for dry rockeries. Three for 40c, 10 for \$1.00.
- R—**album balticum**. Form dense mats of dark green fern-like foliage. Three for 60c, 10 for \$1.60.
- R—**album purpurea**. Pink flowers on red stems. Three for 60c, 10 for \$1.60.
- R—**album tenuifolium**. Grows very rapidly forming matted masses of stems beset with minute sausage-like green leaves. Three for 60c, 10 for \$1.60.
- R—**aizoon**. Bright yellow flowers, 12 inches. Three for 40c, 10 for \$1.00.

- R—**asiaticus**. Yellow. Three for 40c, 10 for \$1.00.

- R—**cockscomb**. Interesting novelty. Three for 60c, 10 for \$1.60.

- R—**dasyphyllum**. Bluish - gray beads set tightly on fine stems. Flowers small blushing stars, 2 inches. Three for 60c, 10 for \$1.60.

- R—**divergens**. Bead-like foliage assuming red tints upon exposure to the sun. Large deep-yellow flowers. Three for 60c, 10 for \$1.60.

- R—**ellacombianum**. Three for 60c, 10 for \$1.60.

- R—**ewersie**. Gray-blue foliage, trailing. Three for 40c, 10 for \$1.00.

- R—**hispanicum**. Very dwarfed, leaves glaucous blue-gray, flowers white, 2 in. Three for 60c, 10 for \$1.60.

- R—**ibericum**. Toothed leaves, pink and white flowers, 6 in. Three for 40c, 10 for \$1.00.

- R—**kamschaticum**. Variegated foliage. Broad irregular band on leaves. Three for 40c, 10 for \$1.00.

- R—**lydium**. Dwarf mats of bright green, 2 in. Flowers, pink. Three for 40c, 10 for \$1.00.

- R—**oppositefolia**. Dwarf. Three for 60c, 10 for \$1.60.

- R—**obtusatum**. Neat little clump of emerald green leaves, flowers red. Three for 60c, 10 for \$1.60.

- R—**reflexum**. Dark green leaves, turning back on stems, flowers yellow. Three for 40c, 10 for \$1.00.

- R—**rupestre**. Bluish-green leaves, trailing habit, yellow flowers. Three for 60c, 10 for \$1.60.

- R—**repustre spirale**. Dark green leaves. Three for 60c, 10 for \$1.60.

- R—**sarmentosum**. Excellent for filling seams in rock and wall gardens. Yellow flowers. Three for 40c, 10 for \$1.00.

- R—**sieboldie**. Rosettes of blue-green, glaucous leaves edged with red, flowers rosy pink. Considered the showiest of rock garden sedums. Three for 75c, 10 for \$2.00.

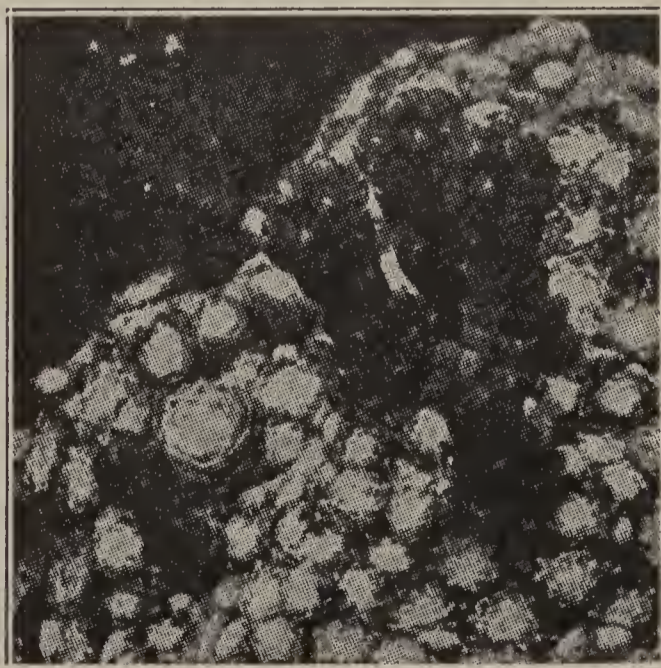
- R—*sexangulare*. Small, ever-green, forming dense mats, yellow flowers. Three for 40c, 10 for \$1.00.
- R—*spatulatum purpurea*. Resembles *pruniatum fosterianum*. Three for 40c, 10 for \$1.00.
- R—*spectabilis rosea*. One of the prettiest tall growing species with immense heads of rose colored flowers. August and September. Three for 40c, 10 for \$1.00.
- R—*spectabilis brilliant*. Form of above with bright amaranth flowers. Three for 40c, 10 for \$1.00.
- R—*spectabilis variegated*. Green and yellow mottled foliage. Three for 40c, 10 for \$1.00.
- R—*spurium coccineum*. A beautiful rose-crimson flowered form. Three for 40c, 10 for \$1.00.
- R—*stahli*. Dwarf, compact foliage turning to an attractive crimson toward fall. Three for 40c, 10 for \$1.00.
- R—*stenopetalum*. Has tufts densely set with gray leaves, flowers white. For dry sunny rockery. Three for 40c, 10 for \$1.00.
- R—*stolonifera*. Flat succulent leaves with purplish-pink flowers in July and August. Three for 40c, 10 for \$1.00.
- R—*telephoides*. Leaves scattered, 12 to 18 in. stems, flowers numerous and pink. Three for 60c, 10 for \$1.60.
- R—*ternatum*. Light green leaves, white flowers, most satisfactory variety for shady locations. Three for 75c, 10 for \$2.00.  
The following varieties have not been thoroughly tested for hardiness. They are beautiful rock garden plants of merit and worthy of planting each year.
- R—*altissimum*. Large gray keel-like leaves, yellow flowers. Three for 60c, 10 for \$1.60.
- R—*anapetalum*. Yellow flowers. Three for 60c, 10 for \$1.60.

- R—*Guatamaliensis*. A fine novelty plant for bowl or specimen. Extensively used for edging beds or walks. Large plants, 35c, 3 for 75c, 10 for \$2.00.

#### **Sempervivum (house-leek).**

Of the easiest culture and will grow anywhere. Wonderful effects may be obtained with their massed rosettes. A valuable addition to any rock garden. A rich light, loamy soil mixed with coarse sand and well rotted manure is desirable and perfect drainage is essential.

- R—*alberti*. Similar to *brauni*. Three for 60c, 10 for \$1.60.
- R—*arachnoideum*. Small cob-webbed house-leek. Three for 50c, 10 for \$1.20.
- R—*brauni*. Attractive bronze tipped leaves. Three for 60c, 10 for \$1.60.
- R—*doellianum*. Small rosettes of hairy leaves tinted red, bright red flowers, very effective in mass planting, 4 to 6 inches. Three for 75c, 10 for \$2.00.
- R—*fauconette*. Similar to *brauni*, but finer and more delicate. Three for 75c, 10 for \$2.00.
- R—*funki*. Green tipped brownish rosettes in great numbers, 6 in. Three for 60c, 10 for \$1.60.



**Sempervivum Tectorum**

If perennials are wanted by prepaid parcel post add 15c for 3 or 30c for 10 plants.

- R—**globiferum**. Flattened rosettes of gray-green leaves lightly tipped with brown, pale yellow flowers. Three for 60c, 10 for \$1.60.
- R—**tectorum** (hen and chicks). Common. Three for 35c, 10 for \$1.00.
- R—**trieste**. Upper part bright red-brown. Three for 60c, 10 for \$1.60.

#### **Silene** (catchfly).

- R—**schafta** (autumn catchfly). A charming border or rock plant with masses of bright pink flowers in July and August, 4 to 6 inches. Three for 50c, 10 for \$1.20.
- R—**virginica**. Three for 60c, 10 for \$1.60.
- R—**virginica** (firepink). Flowers intense scarlet. The plant grows 12 to 15 in. Does well in open, rather dry soil. Three for 50c, 10 for \$1.20.

#### **Slssyrinchium** (blue-eyed grass).

- RO—**angustifolium**. Belonging to the iris family but so small as to be mistaken for grass. With its prettily tufted habit of growth it delights in sunny fields and hillsides. Starry blue flowers from May to July. Three for 75c, 10 for \$2.00.

#### **Smilacena** (false Solomon seal).

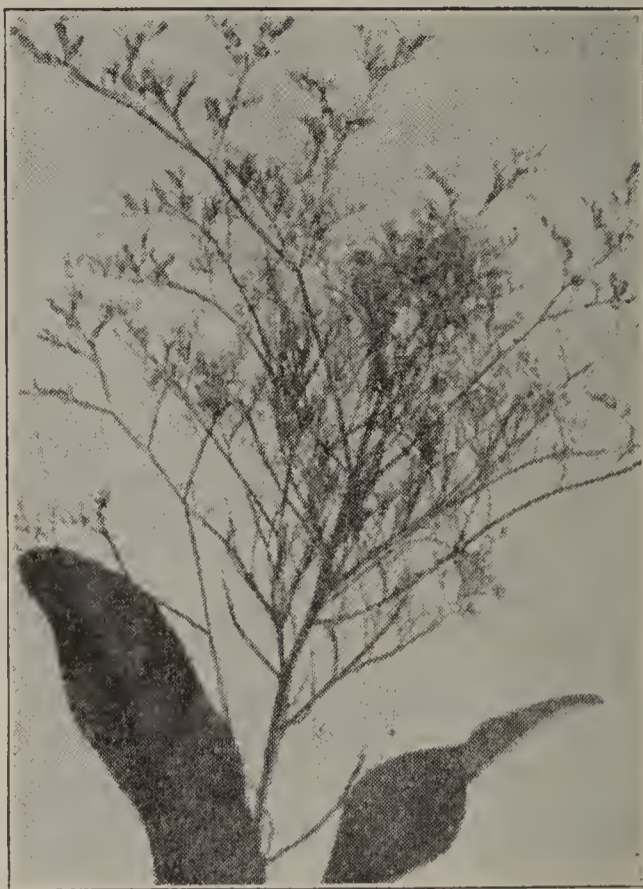
- R—**racemosa**. Fluffy white racemes of flowers on two foot stalks in May and June. One of the most easily grown wild flowers in sun or part shade. Three for 60c, 10 for \$1.60.

#### **Spirea** (dropwort).

- B—**filapendulena**. Elegant border plant with feathery plumes of white flowers in stems 15 in. high and fern-like foliage. Three for 50c, 10 for \$1.40.
- ulmaria** var. (meadowsweet). Beautiful variegated green and white leaves. Three for 60c, 10 for \$1.60.

#### **Statice** (Sea lavender).

- RB—**latifolia**. A fine border plant 12—18 in. high. Also suitable for rock garden. Tufts of leathery leaves and immense candelabra-like heads of purplish-blue, minute flowers. If cut and dried will retain its beauty for a long time. Three for 60c, 10 for \$1.60.



Statice

#### **Thalictrum** (meadowrue).

- RB—**adiantifolia** (maidenhair meadowrue). Foliage closely resembles maidenhair fern. Three for 75c, 10 for \$2.00.
- aquilegiafolia**. Graceful foliage, rosy, purple flowers in June and July, 2 ft. Three for 75c, 10 for \$2.00.
- glauc**. Brownish-yellow flowers in June. Glaucus foliage. Three for 60c, 10 for \$1.60.

#### **Thymus** (mother of thyme, creeping thyme).

The creeping varieties are indispensable for carpeting hot, dry spots in the rockery and both creeping and sub-shrubby varieties are invaluable for dry rock walls.

- TR—**album**. Forms dense mats of dark green foliage and clouds of white flowers, a fine creeper to run over rocks. Three for 50c, 10 for \$1.20.
- TR—**coccineum**. Similar to album. Presents a most delightful sight when literally covered with crimson flowers. Three for 50c, 10 for \$1.20.
- TR—**lanuginosum**. Gray-green wooly foliage with bright, pink flowers. Three for 50c, 10 for \$1.20.

—TR—*serphyllum splendens*. A rapid growing variety, pink flowers, very hardy. Three for 50c, 10 for \$1.20.

—TR—*vulgaris* (common cooking). Pleasingly aromatic. An old fashioned garden flower with small lilac or purple flowers. Leaves and shoots used for seasoning. Three for 50c, 10 for \$1.20.

**Tiarella** (foam-flower).

—R—*cordifolia*. Attractive little plant with fine foliage. Small, creamy-white, star-shaped flowers; prefers some shade. Three for 50c, 10 for \$1.20.

**Tradescantia** (spiderwort).

Very much at home in the garden and one of the most acceptable of the native plants. Blooms over a long season and flowers are especially attractive very early in the morning.

—RS—*bracteata*. Blooms in May after which plant becomes dormant. Late in summer plant again takes on growth and blooms sparingly. Three for 60c, 10 for \$1.60.



**Trillium**

**Trillium** (wake-robin).

Grow wonderfully well in shady woods in soil plentifully supplied with leafmold. Blooms early in spring.

—RS—*grandiflorum*. Probably the most beautiful of the species. Large, white flowers gradually turning to lilac. Excellent for planting in shady woodland, 8 to 12 in. \$5.00 per 100, 3 for 35c, 10 for 80c.

—RS—*erectum*. Purple flowers. May. Three for 50c, 10 for \$1.40.

—RS—*stylosa* (Rose trillium). A late blooming variety with pale pink flowers. Very choice. Three for 75c, 10 for \$2.00.

—*undulatum*. Nodding trillium. Three for 50c, 10 for \$1.50.

**Tritoma** (red-hot poker).

—R—*pfitzeri*. A very showy border plant producing immense spikes of bright scarlet orange. Hardy if given some winter protection. Three for 50c, 10 for \$1.40.

**Trollius** (globeflower).

—M—*europaeus*. A free blooming plant with buttercup-like yellow flowers from May to August, 1—2 ft. Three for 90c, 10 for \$2.40.

—*ledebouri*. Orange. Three for 90c, 10 for \$2.40.

**Tunica** (coatflower).

—R—*saxifraga*. Alba. A very profusely blooming little plant for the rock garden. Three for 60c, 10 for \$1.60.

**Uvularia** (wood merrybells).

—RM—*perfoliate*. The long pendant-shaped flowers are slightly fragrant, 6 to 12 in. May and June. Three for 40c, 10 for \$1.20.

**Verbena venosa** (hardy verbenas).

—RT—Creeping plant with pink flowers, blooms all summer. Three for 60c, 10 for \$1.60.

—upright, bright pink. Three for 60c, 10 for \$1.60.

—R—purplish-blue flowers in profusion all summer. Upright growing plant. Three for 60c, 10 for \$1.60.

**Veronica** (speedwell).

—RC—*longifolia subsessilis* (clump speedwell). Spikes completely covered with blue flowers in July and August, 2 ft. tall. Fine for cutting. Three for 75c, 10 for \$2.00.

If perennials are wanted by prepaid parcel post add 15c for 3 or 30c for 10 plants.



**Veronica Long, Subsessiles**

- RT—repens (creeping speedwell). A very compact little rock garden plant or groundcover, 2—4 in. Three for 50c, 10 for \$1.40.
- R—ruprestris flexulosa. Forms solid carpet of green covered with pale blue flowers in April and May. Three for 50c, 10 for \$1.40.
- R—rupestris heavenly blue. Similar to alba except flowers are blue. Three for 50c, 10 for \$1.40.
- R—pectinata. A large prostrate plant with long many-flowered deep blue racemes. Three for 75, 10 for \$2.00.
- R—true blue. Three for 50c, 10 for \$1.40.

**Vinca (periwinkle or myrtle).**

- minor. Creeping, evergreen plant, blue flowers. An excellent ground cover for shady locations. Three for 60c, 10 for \$1.60.
- Bowles' Variety. Trailing evergreen plant extensively used for carpeting ground and graves. Thrives in deep shade. Three for 60c, 10 for \$1.60.

**Viola.**

The violas deserve a more prominent place in American gardens, as few plants have as long a flowering period. They succeed best in deep, rich, well drained soil, but with plenty of water during hot summer.

**Viola Cornuta (tufted violet).**

- B—Arkwrighti. Three for 20c, 10 for 50c.
- B—blue perfection. Three for 20c, 10 for 50c.
- BC—Jersey gem. Long stems, best for cutting. Three for 75c, 10 for \$2.00.
- B—white perfection. Three for 20c, 10 for 50c.

**Viola (violet).**

- R—blanda. Sweet scented white violet. Three for 60c, 10 for \$1.60.
- R—canadense. Blue. Three for 60c, 10 for \$1.60.



**Viola Cuculata**

- R—cuculata (blue violet). A beautiful, variable species, light blue to deep purple. Blooms in great profusion. Three for 30c, 10 for 75c.
- R—missouriensis. Three for 60c, 10 for \$1.60.
- R—odorata (sweet English violet). Three for 60c, 10 for \$1.60.
- R—odorata rosina. Very sweet scented, 3—4 in. Rose colored. Three for 60c, 10 for \$1.60.

- R—**pedata** (birdsfoot). **Violet.**  
Flowers blue, violet or purple with bright orange centers. Three for 40c, 10 for \$1.00.



**Viola Pedata Bicolor**

- R—**pedata bicolor.** A strikingly beautiful, dainty little violet which richly deserves a place in every garden. Deep blue and lavender. Three for 75c, 10 for \$2.00.
- R—**pubescens** (downy yellow violet). Three for 60c, 10 for \$1.60.
- R—**rugulosa** (white wood violet). Blooms all summer, good ground cover under shrubs. Three for 60c, 10 for \$1.60.
- R—**sagittata.** Three for 60c, 10 for \$1.60.

**Viola Tricolor (pansy).**

Pansies are one of the oldest known garden flowers. They delight in cool moist weather. They will bloom profusely all summer if not permitted to develop seed. If planted in good soil and watered freely during hot dry summer, no other plant will add more to the attraction of the garden than the Pansy. We are offering the finest strains obtainable.

- improved Swiss giants.** Ten for 50c, 100 for \$4.00.
- pedigreed giants.** Ten for 50c, 100 for \$4.00.
- pedigreed novelties, Harrolds.** Ten for 50c, 100 for \$4.00.
- Roggie giants.** Ten for 50c, 100 for \$4.00.
- super maple-leaf.** Ten for 50c, 100 for \$4.00.
- super Swiss giants.** Ten for 50c, 100 for \$4.00.
- Swiss Giants, Harrolds.** Blue or white. Ten for \$50, 100 for \$4.00.



**Yucca Filamentosa**

**Yucca (Adams needle).**

- R—**filamentosa.** Large rosettes of swordlike evergreen leaves and showy spikes of white flowers. Three for 60c, 10 for \$1.60.

If perennials are wanted by prepaid parcel post add 15c for 3 or 30c for 10 plants.

# Rock and Alpine Collections

In response to many requests from our customers we have made up various collections of plants at reduced prices.

These collections are sent express collect. Plants are all freshly dug for each order. Please order by number as collections are made up of plants suited to different locations.

All plants selected for the following collections are of standard grade from regular stock and will be selected from all price ranges to give customer extra value.

## Collection No. 1

### PLANTS SUITABLE FOR SUN OR PART SHADE

No. 1—Special offer of varieties Rock Plants, our selection.

1 each, 10 named varieties....	1.80	3 each, 10 named varieties....	4.00
1 each, 20 named varieties....	3.25	3 each, 20 named varieties....	7.20
1 each, 35 named varieties....	4.85	3 each, 35 named varieties....	12.60
1 each, 50 named varieties....	6.00	3 each, 50 named varieties....	18.00
1 each, 75 named varieties....	9.00	3 each, 75 named varieties....	27.00
1 each, 100 named varieties....	12.00	3 each, 100 named varieties....	35.00

### PLANTS SUITABLE FOR SHADED LOCATIONS

Arabis, all var.	Iris Cristata.
Arisaema Triphyllum.	Lobelia Cardinalis.
Asarum Canadense.	Lobelia Syphilitica.
Asperula Odorata.	Linnea Borealis.
Caltha Palustris.	Mertensia Virginica.
Campanula Carpatia.	Mitchella Repens.
Campanula Rotundifolia.	Mitella Diphylla.
Convallaria Majalis.	Myosotis Palustris.
Cypripedium, all var.	Orchis Spectabilis.
Dicentra Eximia.	Phlox Divaricata.
Ferns, all var.	Podophyllum.
Funkia.	Primula.
Geranium Maculatum.	Sanguinaria Canad.
Gentiana Andrewsie.	Saxifraga.
Habenaria.	Tiarella cordifolia.
Hepatica.	Trillium Gr.
Heuchera, all var.	Thalictrum Adianti.
Incarvillea.	Vinca Minor.

## Collection No. 2

No. 2—Varieties suitable for shade, our selection.

1 each, 10 named varieties....	1.80	3 each, 10 named varieties....	4.00
1 each, 20 named varieties....	3.25	3 each, 20 named varieties....	7.20
1 each, 35 named varieties....	4.85	3 each, 35 named varieties....	12.60

### ROCK AND ALPINE PLANTS FOR WALL GARDENS

Achillea Tomentosa.	Cerastium.
Allysum, all var.	Cherianthus, all var.
Arabis Alpina.	Crucianella Stylosa.
Arenaria.	Dianthus Deltoides.
Armeria, all var.	Douglassie Montana.
Asperula Odorata.	Erinus Alpina.
Calamintha Alpina.	Gypsophylla Repens.
Campanula Carpatia.	Helianthemum, all var.

Heuchera, all var.  
 Leontopodium.  
 Lewisia.  
 Linnum, all var.  
 Lychnis Alpina.  
 Nepata Mussini.  
 Oenothera Missouriensis.  
 Penstemmon Pubescence.  
 Phlox Subulata, all var.  
 Polemonium Reptans.  
 Saponaria Ocymoides.

Saxifraga, all var.  
 Silene, all var.  
 Sedum, all var.  
 Sempervivum, all var.  
 Stachys Lanata.  
 Thymus, all var.  
 Tunica Saxifrage.  
 Veronica Amethystina.  
 Vinca Minor.  
 Viola Perfection.  
 Viola G. Wermig.

## Wall Garden Collection No. 3

No. 3—Varieties suitable for wall gardens, our selection.

1 each, 10 named varieties....	1.80	3 each, 10 named varieties....	4.00
1 each, 20 named varieties....	3.25	3 each, 20 named varieties....	7.20
1 each, 35 named varieties....	4.85	3 each, 35 named varieties....	12.60

## ALPINE AND ROCK PLANTS THAT WILL THRIVE IN WET LOCATIONS

Acorus Calamus.  
 Actea.  
 Anemone Penn.  
 Asarum.  
 Asperula Odorata.  
 Caltha Palustris.  
 Chelone, all var.  
 Cimicifuga.  
 Erigeron.  
 Erythronium.  
 Ferns, all var. except Interrupted and Polypodium.  
 Filapendula.  
 Funkia Coerulea.  
 Habenaria, all var.  
 Hemerocalis.  
 Hepatica.  
 Iris Cristata.  
 Iris Siberica.

Lillium Superbum.  
 Linnea Borealis.  
 Lobelia Cardinalis.  
 Lobelia Syphilitica.  
 Mertensia Virginica.  
 Monarda Didyma.  
 Myosotis Palustris.  
 Physostegia.  
 Polygonatum.  
 Ranunculus Repens.  
 Sanguinaria Can.  
 Saracinia Purpurea.  
 Smilacena.  
 Sissyrinchium.  
 Spirea Ulmaria.  
 Thalictrum.  
 Trolleus.  
 Viola Blanda.  
 Viola Pubescens.

## Collection No. 4

No. 4—Varieties suitable for wet or moist locations, our selection.

1 each, 10 named varieties....	1.80	3 each, 10 named varieties....	4.00
1 each, 20 named varieties....	3.25	3 each, 20 named varieties....	7.20
1 each, 35 named varieties....	4.85	3 each, 35 named varieties....	12.60

## Sedum Collection No. 5

No. 5—Sedum, each variety labeled

<b>Our Selection.</b>		25 plants in 10 varieties.....	3.00
10 plants in 5 varieties.....	1.50	50 plants in 20 varieties.....	6.00

## Sempervivum Collection No. 6

No. 6—Sempervivum, each variety

<b>labeled Our Selection.</b>		20 plants in 5 varieties.....	3.00
10 plants in 3 varieties.....	1.50	50 plants in 7 varieties.....	6.00

## Lily Collection No. 7

No. 7—Lilies, each variety labeled

<b>Our Selection.</b>		10 bulbs in 10 varieties.....	2.00
		25 bulbs in 10 varieties .....	4.50

# Ornamental Evergreens



When selecting ornamental evergreens for planting in this northern section where long, cold winters are the rule, it is of utmost importance that only the hardiest strains be chosen. Species which are hardy in this section, may prove to be otherwise if grown from seed produced only a few hundred miles further south, while if grown from seed produced in the north, they will prove perfectly hardy. We exercise great care in selecting seed from such regions as are known to produce trees of the greatest hardiness, and should seed from tender strains be used in the nursery, the plants would in all probability winterkill in the seed beds. The fact that all the evergreens we offer have been grown in our own nursery for many years should assure prospective planters that our trees are hardy for this section.

Evergreens are listed in two grades. "SELECT" grade are fine, well balanced symmetrical trees, compact of growth and branched to the ground. "CHOICE" grade trees are not quite so evenly balanced, or may be less compact of growth. They are branched to the ground and are in every way desirable trees. We recommend them for shelter-belt, wood-lot, group and back-ground planting.

Both grades are carefully dug with earth ball on roots, earth ball wrapped with burlap and securely tied with heavy twine.

DISCOUNT: On orders for 5 to 9 trees 5%, and on orders for 10 or more trees of one size and variety, we allow a discount of 10% from prices quoted.

## Arbor Vitae (Thuja Occidentalis).

The Arbor Vitae is so well known that it needs very little description. When planted in an open situation it will grow into a beautiful, broad, symmetrical, compact tree. It may also be sheared and this treatment is often used to retain the desired size and shape. We offer both "sheared" and "unsheared" trees. The unsheared trees are well adapted for hedging. They should be sheared to desired size and shape immediately after planting and they will then develop a beautiful hedge in one or two seasons.

	Sheared	
	Specimen	Unsheared
2½—3 ft. ....	1.75	
3—4 ft. ....	2.75	
4—5 ft. ....	3.75	2.25
5—6 ft. ....	5.00	2.75
6—7 ft. ....	6.50	3.50
7—8 ft. ....		4.00

**Arbor Vitae Globe** (*Thuja Occidentalis Globosa*).

A low, round and dense growing form of Arbor Vitae. Can be sheared and kept to desired size and shape. Somewhat susceptible to winter sun burn and for this reason not recommended for planting close to south side of buildings unless some shade can be provided during winter.

12—16 in., height and spread .....	1.00
16—20 in. ....	1.50
20—24 in. ....	2.00
24—30 in. ....	2.50

**Arbor Vitae Pyramidal** (*Thuja Occidentalis Pyramidalis*).

Of narrow columnar shape. Not a rapid grower in the north. Very popular for formal plantings. Will thrive in any ordinary garden soil where sufficient moisture is available.

20—24 in. ....	1.50
24—30 in. ....	2.00
30—36 in. ....	2.50
36—42 in. ....	3.00
42—48 in. ....	3.50
48—60 in. ....	4.50

**Arbor Vitae Siberian** (*Thuja Occi. Wareana Siberica*).

A low growing broad based tree. Foliage of a very dark green shade. Has proved hardy in the north and should be more widely planted.

12—16 in. ....	1.00
16—20 in. ....	1.50
20—24 in. ....	2.00

**Arbor Vitae Golden** (*Thuja Occi. Douglas Golden*).

Remarkable for its golden colored foliage. During the summer the new foliage will be of a green shade, gradually turning to a beautiful golden in late summer and fall, retaining this color throughout the winter and spring until new growth appears.

2½—3 ft. ....	2.00
3—4 ft. ....	3.00
4—5 ft. ....	4.00
5—6 ft. ....	5.50

**Balsam Fir** (*Abies Balsamea*).

A very beautiful symmetrical tree with dark green glaucous leaves. A very rapid growing tree although it soon loses its attractiveness and is not a long lived conifer. Prefers moist locations but will thrive in ordinary garden soil.

	Select Specimen Choice	
2½—3 ft. ....	1.50	.90
3—4 ft. ....	2.00	1.10
4—5 ft. ....	2.50	1.40
5—6 ft. ....	3.00	1.75
6—7 ft. ....	4.00	2.25
7—8 ft. ....	5.00	3.00

**Douglas Fir** (*Pseudo-tsuga*).

Young trees seldom well shaped, later develops an open, broad, sharp-pointed pyramid. Lower branches straight or drooping. Leaves green to bluish-green. A rapid growing species thriving in nearly all locations.

2½—3 ft. ....	1.50	.90
3—4 ft. ....	2.00	1.10
4—5 ft. ....	2.50	1.40
5—6 ft. ....	3.00	1.75
6—7 ft. ....	4.00	2.25
7—8 ft. ....	5.00	3.00

**Bar Harbor Juniper** (Juniper Sabina Horizontalis).

A true creeper with branches lying flat on ground and often striking roots along the stems. A hardy native of Maine. Excellent for rockeries and for protecting slopes against erosion. Plant in groups to form thick blanket.

12—16 in. spread .....	1.00
16—20 in. ....	1.50
20—24 in. ....	2.00
24—30 in. ....	2.50
30—36 in. ....	3.00

**Colorado Silver Cedar** (J. Scopolorum).

A native of the Rockies extending from Colorado to Montana. A very hardy tree withstanding intense cold, heat, and drouth. During the dry, hot summer it turns to a beautiful silver-blue shade.

2½—3 ft. ....	2.75
3—3½ ft. ....	3.50
3½—4 ft. ....	4.50

**Pfitzer Juniper** (Jun. Chin. Pfitzeriana).

A low growing tree with wide-spreading horizontal branches. Gray-green foliage. Very hardy and will thrive almost in any location. One of the few evergreens to succeed in shady locations. Highly recommended for ornamental planting.

16—20 in. spread .....	1.50
20—24 in. ....	1.75
24—30 in. ....	2.25
30—36 in. ....	3.00
3—4 ft. ....	4.00

**Red Cedar** (Juniper Virginiana).

Red cedar is a native over a large section of the U. S. ranging as far north as Montana. Trees grown from Montana seed will be found very hardy in Minnesota. Tall upright growing, branches spreading. Can be sheared to desired form and size.

30—36 in. ....	2.50
3—4 ft. ....	3.00
4—5 ft. ....	3.75
5—6 ft. ....	4.50

**Savin Juniper** (Juniper Sabina)

Low growing, seldom over 2½ ft. An excellent tree for border and foundation plantings. Dense foliage retaining its dark green color throughout the year. Very highly recommended.

12—16 in. spread .....	1.00
16—20 in. ....	1.50
20—24 in. ....	2.00
24—30 in. ....	2.50
30—36 in. ....	3.00

**Juniper Andorra** (Jun. Communis Depressa Plumosa).

12—16 in. spread .....	1.00
16—20 in. ....	1.50
20—24 in. ....	2.00
24—30 in. ....	2.50
30—36 in. ....	3.00

**Waukegan Juniper** (Jun. Douglas Waukegan).

True creeper of unusual blue shaded foliage. Invaluable for rockeries and slopes. Very hardy. Will thrive in almost any kind of soil.

12—16 in. spread .....	1.00
16—20 in. ....	1.50
20—24 in. ....	2.00
24—30 in. ....	2.50
30—36 in. ....	3.00

**Black Hill Spruce (*Picea albertiana*).**

A slow growing strain of white spruce native of the Black Hills, S. D. Forms a dense, compact tree of perfect shape. If planted in the open will retain its branches to the ground. Dark green shading to a very distinct bluish tint. Absolutely hardy and will withstand heat and drouth. Perhaps the most widely planted spruce in the Northwest.

24—30 in.	.....	1.25	.65
30—36 in.	.....	1.50	.85
36—42 in.	.....	2.00	1.20
42—48 in.	.....	2.50	1.50
4—5 ft.	.....	3.00	1.75
5—6 ft.	.....	3.75	2.00
6—7 ft.	.....	4.50	2.75

**Colorado Blue Spruce (*Picea pungens glauca*).**

Considered by many tree lovers as the most beautiful of all our ever-greens. Branches extend horizontally from stem to form flat shelf-like tiers. Only a very small percentage of trees grown from seed will be of an outstanding blue shade, others will vary from bluish green to dark green. We select only the most highly colored specimen for this grade. Trees less than 10 years of age seldom show any color and some do not develop their blue tints until 12 or 15 years old. Color brightest on new growth in early summer.

16—20 in.	.....	2.00	
20—24 in.	.....	3.00	
24—30 in.	.....	4.00	
30—36 in.	.....	5.00	3.00
36—42 in.	..	6.00	3.50
42—48 in.	.....	7.00	4.00
4—5 ft.	.....	8.50	5.00
5—6 ft.	.....	10.00	6.00
6—7 ft.	.....	12.00	7.00
7—8 ft.	.....	14.00	8.00

**Blue-Green Colorado Spruce (*Picea pungens*).**

Tree same as Colorado Blue Spruce except color which varies in bluish-green shades.

18—24 in.	.....	1.25	
24—30 in.	.....	2.25	1.25
30—36 in.	.....	3.00	1.75
36—42 in.	.....	3.75	2.25
42—48 in.	.....	4.50	2.75
4—5 ft.	.....	5.50	3.25
5—6 ft.	.....	6.50	4.00
6—7 ft.	.....	8.50	4.75
7—8 ft.	.....	10.00	5.50

**Green Colorado Spruce (*Picea pungens*).**

Same as blue and shaded except color which varies from dark green to slightly bluish tinge.

18—24 in.	.....	1.00	
24—30 in.	.....	1.25	
30—36 in.	.....	1.75	1.00
36—42 in.	.....	2.50	1.50
42—48 in.	.....	3.25	2.00
4—5 ft.	.....	4.00	2.50
5—6 ft.	.....	5.00	3.00
6—7 ft.	.....	6.50	3.75
7—8 ft.	.....	8.00	4.50

Norway Spruce (*Picea excelsa*).

The Norway spruce is the most rapid grower of the spruces. For this reason it is well adapted for shelter-belt and woodlot planting. It is also very desirable as background planting or for screening undesirable views. It thrives in almost any soil except poor sand or gravel.

5—6	ft.	.....	3.50	2.00
6—7	ft.	.....	4.50	2.50
7—8	ft.	.....	6.00	3.50

White Spruce (*Picea alba*).

A tall symmetrical tree of rapid growth. Foliage dark green throughout the year. For shelter-belt, screen, woodlot or group plantings it is highly recommended. Thrives in any good soil.

3—4	ft.	.....	1.75	1.00
4—5	ft.	.....	2.25	1.25
5—6	ft.	.....	3.00	1.75
6—7	ft.	.....	4.00	2.25
7—8	ft.	.....	6.00	3.50

Austrian Pine (*Pinus nigra austriaca*).

A tall growing rugged tree with long dark green needles and wide spreading branches. Very hardy and will withstand more smelter gas than any other evergreen.

3—4	ft.	.....	3.00	1.75
4—5	ft.	.....	3.50	2.00
5—6	ft.	.....	4.00	2.50
6—7	ft.	.....	5.00	3.00

Mountain Pine (*Pinus Montana*).

A low growing, broad based tree with one main stem and many branches. Grows very compact. Dark green foliage retaining its color throughout the year. Will thrive in very poor soil.

24—30	in.	.....	2.00	
30—36	in.	.....	2.50	

Mugho Pine (*Pinus Montana mughu*).

A dwarf shrubby strain of Mountain pine, having no main stem and many branches growing from crown near ground. Very hardy and thrives in any soil. Very popular for ornamental planting.

12—18	in.	.....	1.00	
18—24	in.	.....	2.00	
24—30	in.	.....	2.75	
30—36	in.	.....	3.50	
3—4	ft.	.....	4.50	

Norway Pine (*Pinus resinosa*)

A tall growing native of Minnesota. The leading tree for reforestation in the Lake States. Also desirable for shelter-belts, back-grounds and screen.

3—4	ft.	.....	3.00	1.75
4—5	ft.	.....	3.75	2.00
5—6	ft.	.....	4.50	2.50
6—7	ft.	.....	5.50	3.00
7—8	ft.	.....	6.50	4.00

Scotch Pine (*Pinus sylvestris*).

A hardy native of Europe and well adapted to Minnesota. A very rapid grower, most useful for shelter-belt, screen and back-ground planting. Thrives in any soil.

6—8	ft.	.....	5.00	3.00
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White Pine (*Pinus strobus*).

We can supply white pine (for Minnesota trade only) at same price as Norway Pine.

**Hemlock** (*Tsuga canadensis*).

The most graceful of all the evergreens. Thrives best where some shade and shelter is provided.

12—18 in.	1.00
18—24 in.	1.50
24—30 in.	2.00

**Kosters Blue Spruce**

**Koster Blue Spruce.**

Grafted on Norway spruce stock. Three and four times transplanted.

12—15 in.	2.75
15—18 in.	3.25
18—24 in.	4.00
21—24 in.	4.75
24—30 in.	6.00
30—36 in.	7.50



Effective Shelterbelt

**Evergreens**

For Hedging, Woodlot, Shelter-belt and General Planting.

Once and twice transplanted evergreens, roots puddled in mud and packed in wet moss. These trees are from 5 to 10 years old and we are offering them at just a few cents each. Having been transplanted they have well developed root systems and will prove far more satisfactory than seedling or collected stock.

	10	25	100
<b>Douglas Fir</b> ( <i>Pseudo-Tsuga</i> ).			
6—8 in.	\$1.60	\$3.50	\$12.00
8—12 in.	1.80	4.00	14.00
12—18 in.	2.00	4.50	16.00
<b>Black Hill Spruce</b> ( <i>Picea Canad. Albertiana</i> ).			
6—8 in.	1.80	4.00	14.00
8—12 in.	2.00	4.50	16.00
18—24 in., twice transplanted	6.00	13.75	50.00
<b>Norway Spruce</b> ( <i>Picea Excelsa</i> ).			
6—8 in.	1.50	3.00	10.00
8—12 in., twice transplanted	2.50	5.50	20.00

Polar Spruce ( <i>Picea Excelsa Borealis</i> ).			
6—8 in.	.....	1.60	3.50 12.00
8—12 in.	.....	2.00	4.50 16.00
Colorado Spruce ( <i>Picea Pungens</i> ).			
4—6 in.	.....	1.60	3.50 12.00
6—8 in.	.....	2.00	4.50 16.00
Scotch Pine ( <i>Pinus Sylvestris</i> ).			
6—8 in.	.....	1.60	3.50 12.00
8—12 in.	.....	1.80	4.00 14.00
White Spruce ( <i>Picea Canadense Alba</i> ).			
6—8 in.	.....	1.60	3.50 12.00
8—12 in.	.....	1.80	4.00 14.00

# Evergreens From Rooted Cuttings

Grown from rooted cuttings. These little plants have been twice transplanted and field-grown two or more seasons. We can supply them in limited quantities, balled and burlapped, 6 to 12 in. size.

Thuya ( <i>Arbor vitae</i> ).	Juniper Spiney Greek.
Thuya Globe.	Juniper Andorra.
Thuya Pyramidal.	Juniper Pfitzer.
Thuya Douglas Golden.	Juniper Sabina.
Thuya Siberian.	Juniper Horizontalis.
Juniper Waukegan.	Juniper Swedish.
	Juniper Bar Harbor.

35c Each.

# Deciduous Trees

## GREEN ASH

Due to its great hardiness and drouth resistance, the Green Ash has become one of the most widely planted trees in the Northwest. Grows with a straight stem and develops a well formed crown. One of the few deciduous trees considered sufficiently hardy for planting in the great National, Canada to Texas, shelter-belt, 4—5 ft. each 25c; 5—6 ft. 35c; 6—8 ft. 50c.

## MOUNTAIN ASH

A very ornamental plant when grown either in bush form or as a tree. The fruit of rich orange-red color offers a great attraction for birds throughout the autumn. Perfectly hardy and easy to grow, 4—5 ft. 40c; 5—6 ft. 50c; 6—8 ft. 70c.

## ELM, AMERICAN

The grandeur of the American Elm as a shade and ornamental tree is too well known to need any description. The trees we offer are heavy well branched stock, 6—8 ft. 60c; 8—10 ft. 80c; 10—12 ft. \$1.00.

## ELM, CHINESE

The most popular tree for general planting throughout the state. These trees are natives of Manchuria, very hardy and almost immune to diseases. Will withstand heat, cold and drouth to a remarkable degree. The leaves are somewhat smaller than our native elm, branches long, slender, almost pendant. Properly pruned it grows a well formed round crown. Can also be grown as a bush by cutting it back. Transplanted trees, 3—4 ft. 40c; 4—5 ft. 50c; 5—6 ft. 70c. A few heavy trees 9—12 ft. with fully developed crowns each \$1.75. Chinese Elm seedlings listed elsewhere.

### MAPLE, SILVER

The silver or soft maple is a well known native tree of rapid growth. Forms a large dense crown. Much used for street planting, 8—10 ft. 90c; 10—12 ft. \$1.25; 12—14 ft. \$1.75.

### HACKBERRY

Also a native tree, somewhat resembling the ash. Perfectly hardy. Thrives in rich, moist soil, 3—4 ft. 35c; 4—5 ft. 50c; 5—6 ft. 70c.

### MAPLE SCHWEDLER

Due to the bright red foliage in early summer it forms a striking color contrast when planted among other trees. These trees do not come true from seed and are propagated by grafting. We have some unusually fine specimens to offer, 5—6 ft. \$1.50; 6—8 ft. \$2.00 each.

### MAPLE WIERS CUT LEAF

A beautiful ornamental maple of the weeping type. Leaves deeply cut and branches long, slender and pendant. Highly recommended for lawn planting, 8—10 ft. \$1.00; 10—12 ft. \$1.50.

### MAPLE, HARD OR SUGAR

A hardy native of Minnesota. Well known for its beauty and for its rich scarlet colored autumn leaves, 5—6 ft. \$1.00; 6—8 ft. \$1.35.

## Shrubs

### DECIDUOUS SHRUBBERY AND ORNAMENTALS

The shrubs here offered are heavy transplanted stock suitable for immediate effect in landscape projects. They have all been grown in our own nursery, which fact should assure their hardiness.

Almond, flowering, pink, each .....	2—3 ft. 50c;	3—4 ft. 75c
Barberry, Japanese .....	18—24 in. 25c;	2—3 ft. 35c
Caragana, Siberian pea tree .....	2—3 ft. 15c;	3—4 ft. 25c
Coralberry, symphocarpus, red .....	2½—3 ft. 35c;	
—white .....	18—24 in. 25c;	
Cotoneaster, acutifolia .....	2—3 ft. 50c;	
Cranberry, highbush .....	2—3 ft. 50c;	
Cydonia, japonica .....	18—24 in. 50c;	
Dogwood, red-bark .....	2—3 ft. 40c;	4—5 ft. 50c
Elder, cut-leaf .....	5—6 ft. 80c;	6—8 ft. 1.00
—golden .....	3—4 ft. 50c;	4—5 ft. 75c
Forsythia, fortunei .....	2—3 ft. 50c;	
Honeysuckle, pink or white .....	18—24 in. 35c;	
—Siberian, red .....	18—24 in. 50c;	
Hydranga, arborescens .....	2—3 ft. 50c;	
—grandiflora, P. G. ....	2—3 ft. 50c;	
Lilac, common, purple .....	3—4 ft. 25c;	4—5 ft. 50c
—white .....	3—4 ft. 25c;	4—5 ft. 50c
—Persian .....	3—4 ft. 40c;	
—French, in varieties .....	3—4 ft. 75c;	4—5 ft. 1.00
Mock Orange .....	2—3 ft. 35c;	
Snowberry, symphoricarpus .....	18—24 in. 25c;	2—3 ft. 35c
Spirea, Anthony Waterer .....	18—24 in. 35c;	2—3 ft. 50c
—arguta .....		2—3 ft. 35c
—billardi .....		3—4 ft. 25c
—bumaldi .....	18—24 in. 25c;	
—calosa, rubra .....	12—18 in. 25c;	
—douglasie .....	18—24 in. 50c;	
—frobelli .....	12—18 in. 25c;	
—integrifolia .....	12—18 in. 35c;	
—thunbergi .....	12—18 in. 25c;	
—van houttie .....	18—24 in. 25c;	2—3 ft. 40c
— —heavy clumps .....		
Snowball, virburnum .....	18—24 in. 25c;	2—3 ft. 35c

CHINESE ELM SEEDLINGS

Hardy Northern Manchurian strain. We import our seed direct from China, thereby being assured of obtaining seed from the hardiest strains.

	25	100	500
5—8 in. ....	.25	.60	2.50
8—12 in. ....	.30	.80	3.50
2—3 ft. ....	.65	2.25	10.00

VINES AND CLIMBERS

Strong, heavy plants. Usually cut back before shipping.

	Each	3 for
Bittersweet, Celastrus scandens, orange berries.....	.40	\$1.00
Carrion Vine, wild smilax .....	.40	1.00
Clematis paniculata .....	.40	1.00
—Jackmanni, purple flowers .....	.90	2.50
Honeysuckle, trumpet, coral .....	.40	1.00
—Halls coral .....	.40	1.00
Ivy, Boston .....	.40	1.00
—Engelman .....	.30	.75
Virgins Bower, lovely for porch or arbor .....	.30	.75
Virginia Creeper, quick cover .....	.30	.75
Wistaria, blue or white .....	.50	1.25

Tree Seeds

We are not seed merchants and therefore do not carry a complete line of seeds. However, many of our customers have come to us for small quantities of dependable seed and the varieties which we offer may be depended upon to have come from regions where hardness of parent stock is assured. All seeds offered are taken from same lots as are used in our own seedbeds.

Orders should be in early and prices are not binding, subject to change without notice.

	Oz.	Lb.
Abies Balsamea (Balsam Fir) .....	\$0.50	\$4.00
—Concolor (White Fir) .....	.35	3.00
—Nordmanni (Nordman Fir) .....	.40	
Juniper Scopolorum (Silver Cedar) fall 1937...	.25	1.50
Juniper Virginiana, fall 1937 .....	.25	1.50
Larix Europea (European Tamarack) .....	.40	3.50
Picea Can. Alba (White Spruce) .....	.35	2.00
—Albertiana (Black Hill Spruce) .....	.75	8.50
—Excelsa (Norway Spruce) .....	.40	2.50
—Pungens (Colorado Spruce) .....	1.00	12.00
Pinus Banksiana (Jack Pine) .....	.50	4.00
—Mont. Mughu (Mugho Pine) .....	.55	5.00
—Nigra Austriaca (Austrian Pine) .....	.35	3.00
—Ponderosa (Western Yellow Pine) .....	.35	3.00
—Resinosa (Norway Pine) fall 1937 .....	.75	10.00
—Sylvestris (Scotch Pine) .....	.50	4.50
Pseudo Tsuga (Douglas Fir) .....	.75	
Thuja Occidentalis (Am. Arbor Vitae) .....	.40	3.00
Chinese Elm (Ulmus Pumilla). Seed imported from Manchuria. Delivery about July 1. Orders must be booked before April 1. Seed should be planted as soon as it arrives....	.35	3.00

## Books

The following books contain a wealth of information regarding trees, shrubs and plants. Reliable information is presented by leading authorities in their respective fields.

**American Ferns**, by Edith A. Roberts and Julia R. Laurence.

This new book contains easily understood information on how to identify the wild ferns and how to grow them. Illustrated, postpaid, \$2.50.

**Pioneering With Wild Flowers**, by Geo. D. Aiken.

The author is an outstanding authority on how to grow wild plants. Tells the secret of succeeding with many plants which have usually been considered impossible to naturalize. Indispensable to lovers of wild flowers; 130 pages, profusely illustrated, postpaid, \$2.50.

**Wild Flowers**, by Homer D. House.

Reviewers are unanimous in declaring this book to be "Without a doubt the finest comprehensive book on wild flowers ever published." So natural are the color photographs that you can almost detect the fragrance of the flower. Hundreds of wild flowering plants are described and illustrated. The lovers of wild flowers will find this a most valuable addition to their reference library; 364 large, full-color photographs, 340 pages of text, 9½ by 11¾ inches. Bound in cloth, postpaid, \$3.75.

**Rock Gardens**, by F. F. Rockwell.

Here is assembled much valuable information for the rock garden enthusiast. Illustrated, postpaid, \$1.00.

**Evergreens for the Small Place**, by F. F. Rockwell. Illustrated, postpaid, \$1.00.

**The Cultivated Evergreens**, by L. V. Bailey.

"Fortunately for us all and for the nation at large, Prof. Bailey has brought together in this comprehensive handbook the findings of a group of men whose scientific training has been supplemented by the knowledge born of practice."—Garden Magazine. More than 400 pages and many illustrations, postpaid, \$3.00.

**Perennial Gardens**, by H. Stuart Ortloff.

Principles of planning, planting and maintenance of the perennial garden. Illustrated, \$1.25.

**Garden Pools, Large & Small**, by L. W. Ramsey and Chas. H. Lawrence.

Written for the amateur who will do the work himself, but equally interesting to the owner of town house or country estate as a useful guide to proper landscape use and construction of water features for the grounds. Beautifully illustrated, postpaid, \$2.50.

**Landscaping the Home Grounds**, by L. W. Ramsey, postpaid, \$2.00.

**American Plants for American Gardens**, by Edith Roberts and Elsa Rehman.

This book opens a new field of interest for all garden makers. Illustrated, postpaid, \$2.00.

**Rock Garden and Alpine Plants**, by Henry Correvon.

Contains the most complete list of Alpine plants available, besides the use and culture of these plants. More than 500 pages. Illustrated, postpaid, \$6.00.

**Around the Year in The Garden**, by F. F. Rockwell.

This book is for the busy man or woman whose spare time available for gardening is limited; 350 pages, illustrated, postpaid, \$2.50.

**Home Flower Growing**, by Emil C. Volz.

This is the book for the person who would grow flowers and decorative plants at home for pleasure, indoors or in window boxes, hanging baskets, rock gardens or pools. Profusely illustrated, postpaid, \$3.50.

**Field Book of American Wild Flowers**, by F. Schuyler Mathews.

610 pages, illustrated, postpaid, \$3.50.

**Flowers and Ferns in Their Native Haunts**, by Wright.

358 pages, illustrated, postpaid, \$2.00.

**Shrubs**, by F. F. Rockwell. Illustrated, postpaid, \$1.00.

**Flower Guide**, by Chester Reed.

Illustrated with 320 flowers in colors, postpaid, \$1.25.

**Butterfly Guide**, by Chester Reed. Illustrated, postpaid, \$1.25.

**How to Make Friends With Birds**, by Chester Reed. Postpaid, \$1.25.

# Roses

## POTTED ROSE PLANTS

In order to produce earlier flowers, we have potted most of our large roses (known as No. 1 grade) in large wooden pots and started them in the greenhouse. These plants will be leafed out and rootbound in pots ready to plant in gardens when warm weather comes and will bloom much earlier than if planted in garden in dormant condition. Each 65c; 3 for \$1.75; per dozen \$5.50.

Betty Uprichard, déep pink.  
Briarecliff, pink.  
Columbia, pink.  
E. G. Hill, red.  
Etoile de France, dark crimson.  
Etoile de Holland, red.  
Frau Karl Druski, white.  
Golden Dawn, sunflower yellow.  
Hoosier Beauty, glowing crimson.

Kaiserin Augusta Victoria, white.  
Mme. Caroline Testout, light pink.  
Ophelia, golden yellow.  
Pres. Hoover, shaded deep pink.  
Souv. de Cladius Pernet, bright yellow.  
Pink Radiance, pink.  
Red Radiance, red.  
Sensation, very dark maroon.  
Sunburst, deep golden yellow.  
Talisman, apricot salmon.

We can also supply smaller plants (known as No. 1½ grade) in blooming size potted in wooden pots. Order these by color, pink, red, salmon, yellow or white. Each 50c; 3 for \$1.35; per dozen, \$4.00.

## ROSES

Strong field grown plants, each 50c.

Betty Uprichard, deep pink.  
Frau Karl Druski, white.  
Grus An Tiplitz, deep red.  
F. L. Grootendorst, bright crimson.  
Hansa, red.

Agnes, yellow.  
Belle Poitevin, magenta pink.  
Sir Thos. Lipton, white.  
Willowmere, pink.

	Each	10 for
HANSA ROSES. Heavy plants .....	.50	
—Lighter plants for hedge .....	.35	\$2.50

## CLIMBING ROSES

Dorothy Perkins, pink or white.  
Marechal Niel, yellow.  
Paul's Scarlet Wonder, red.

Pink Radiance, pink.  
Red Radiance, red.

Each 60c.

# Evergreen Collection

35 Transplanted Evergreens for Only \$5.00.

35 sturdy, transplanted five and six year old trees. Well rooted. An excellent size for general planting. Dug after order is received and carefully packed. Each variety labeled.

4 Douglas Fir .....	12—18 in.	4 Colorado Spruce .....	12—18 in.
4 Black Hill Spruce ....	12—18 in.	4 Scotch Pine .....	10—15 in.
4 Norway Spruce .....	8—12 in.	4 Norway Pine .....	8—12 in.
4 White Suruce .....	12—18 in.	4 Mugho Pine .....	4—6 in.
3 Creeping Juniper .....	6—8 in.		